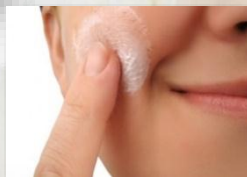


SKIN CARE



skin care



NAHDI TRAINING ACADEMY
Pharmacy Training
Induction unit ²

OUR OBJECTIVES

By the end of this session you will be able to :

- 1- Dispense a proper skin care regimen for different skin types.
- 2- Approaching the skin cure properly.
- 3- Understand the **COSMECEUTICAL (premium) concept.**
- 4- Recognize the **COSMECEUTICAL** products in NMC.

COSMECEUTICALS

Cosmeceuticals

mixture between cosmetics and medicine

Like cosmetics topically applied to improve appearance.

Like drugs contain ingredients influence skin biological functions.





Eucerin®



BIODERMA
LABORATOIRE DERMATOLOGIQUE

SVR
LABORATOIRE DERMATOLOGIQUE

INSTITUT
ESTHEDERM
PARIS



DUCRAY
LABORATORIOS DERMATOLÓGICOS

LA ROCHE-POSAY
LABORATOIRE PHARMACEUTIQUE

EAU THERMALE
Avène



BIONNEX
ORGANICA



Mustela®

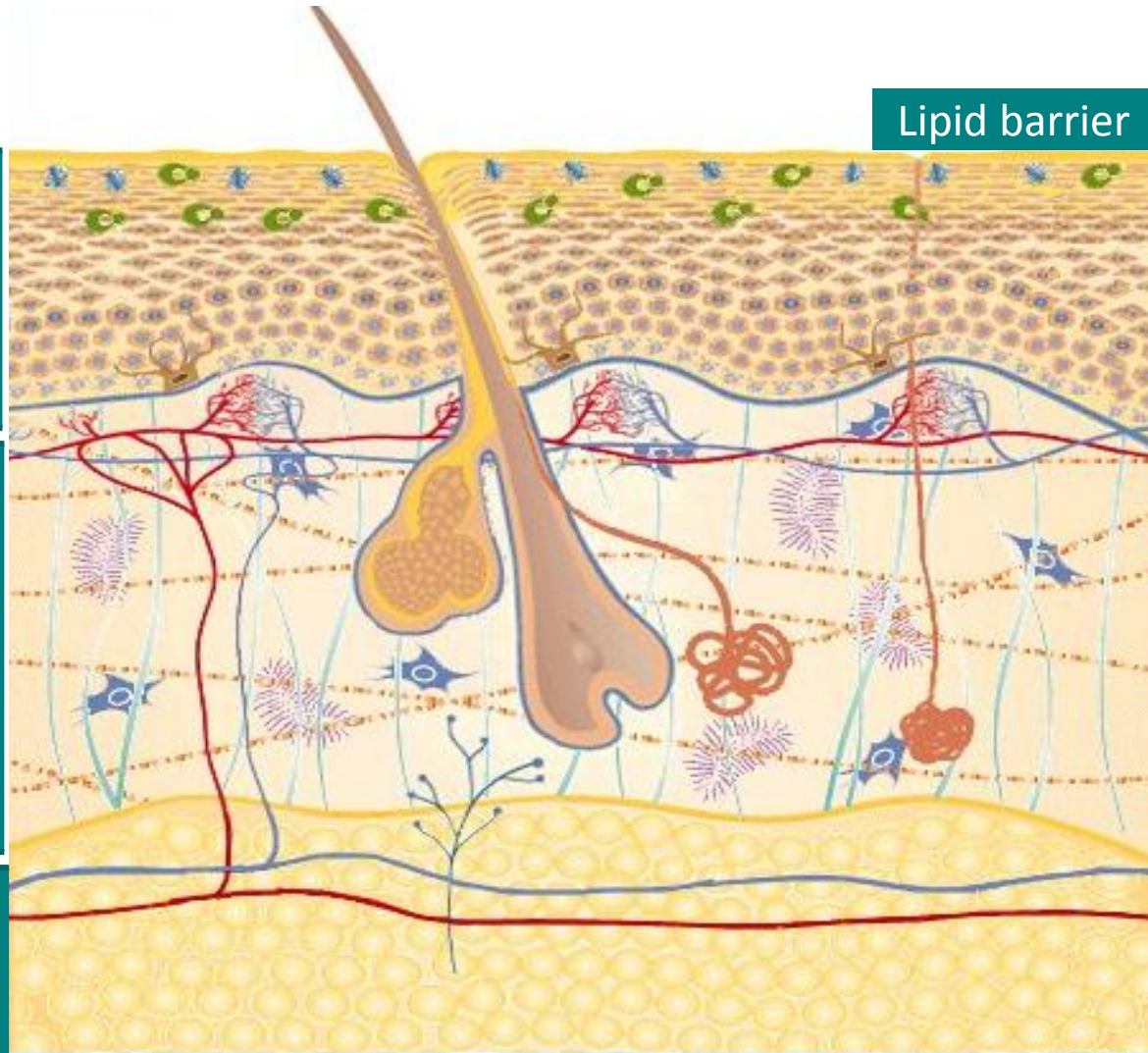
Skin structure

Epidermis

Lipid barrier

Dermis

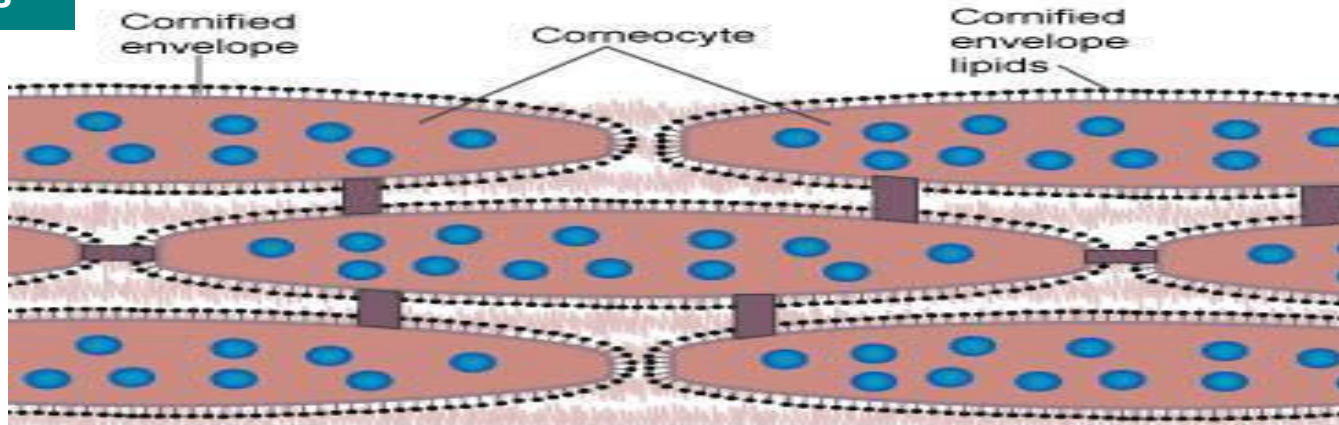
Hypodermis



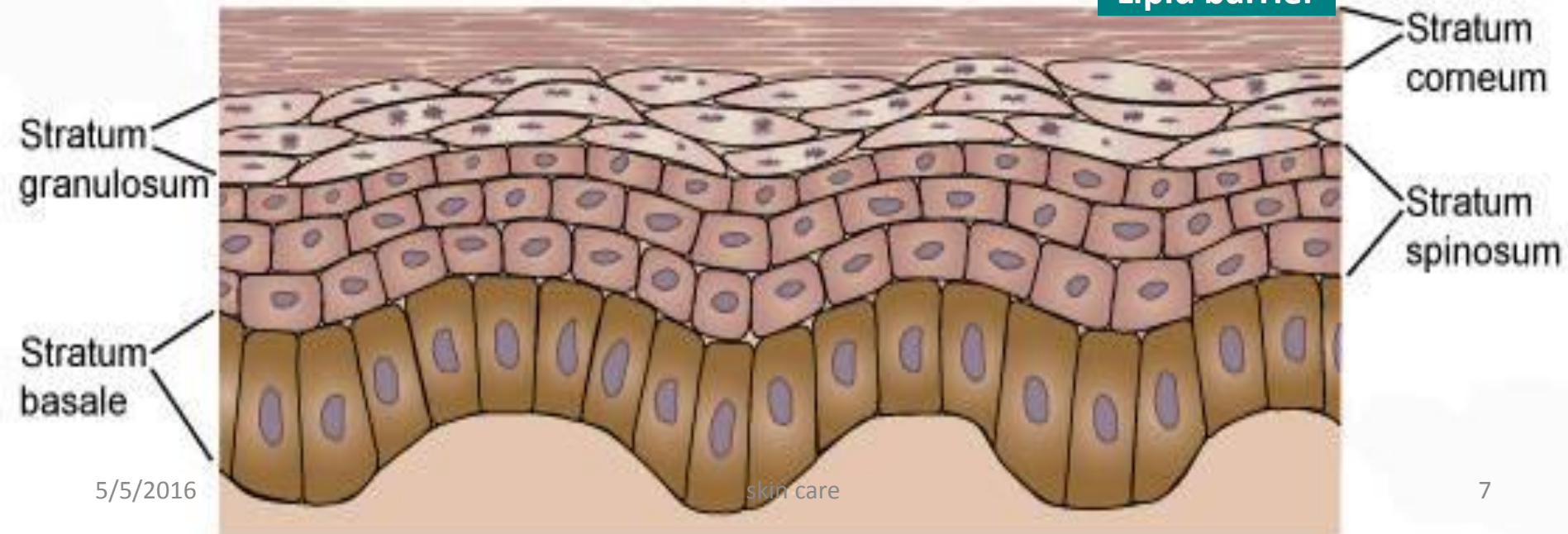
Skin consists of 3 layers (epidermis, dermis and subcutaneous hypoderms)

Skin structure

Epidermis

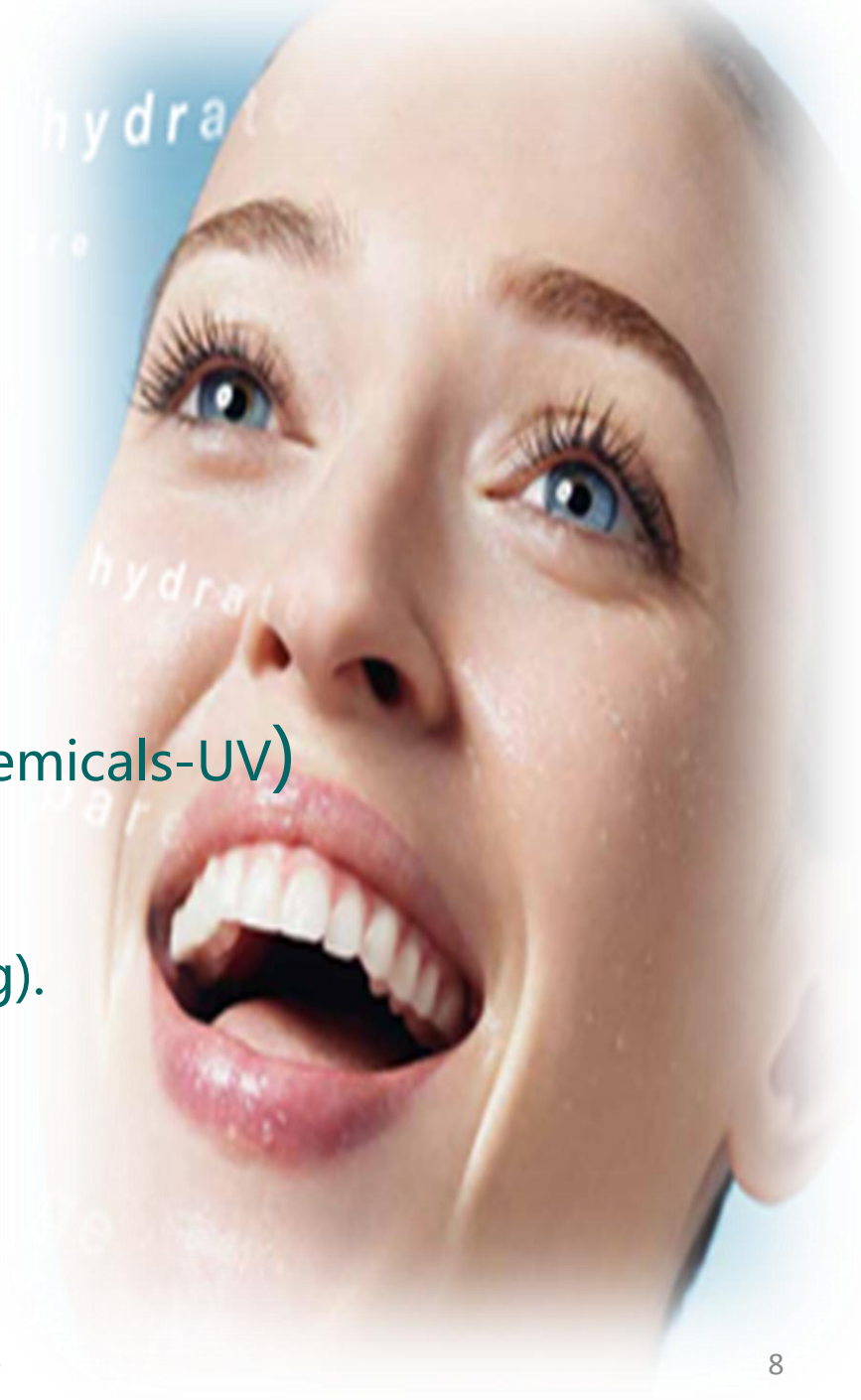


Lipid barrier



Skin function

- Appearance .
- Protection (bacteria-heat-chemicals-UV)
- Temp. Regulation (sweating).
- The 5th sense (touch)





Types of skin

Sebum secretion

- Normal Skin
- Oily Skin
- Dry Skin
- Combination Skin

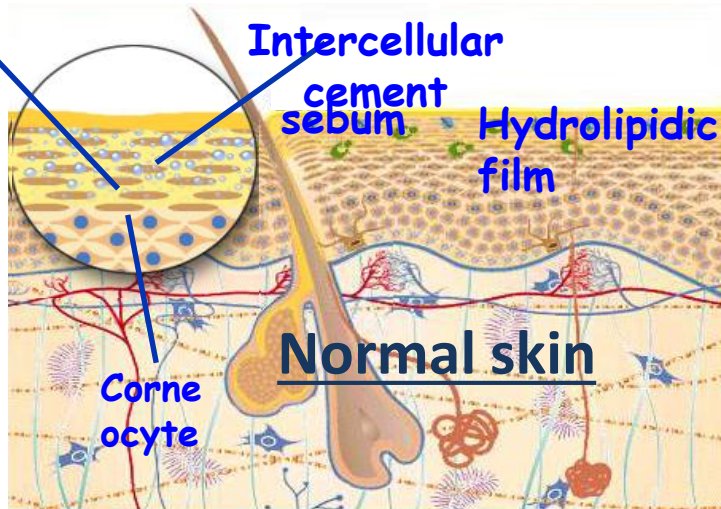
Color

- Phototype 1
- Phototype 2
- Phototype 3
- Phototype 4
- Phototype 5
- Phototype 6

Sensitivity

- Sensitive
- Non Sensitive

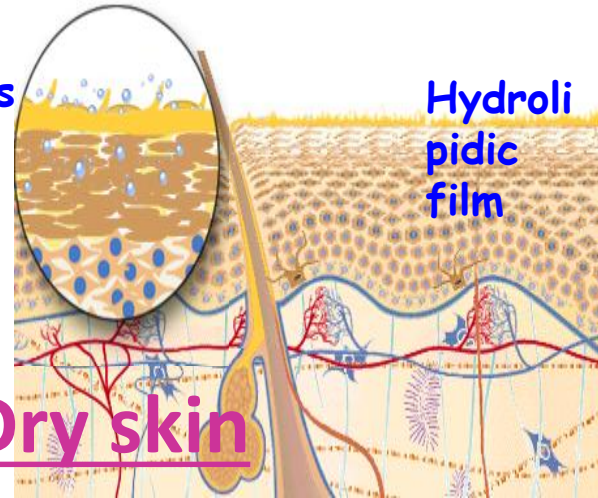
Water



Corneal layer

Basal layer

Dry skin



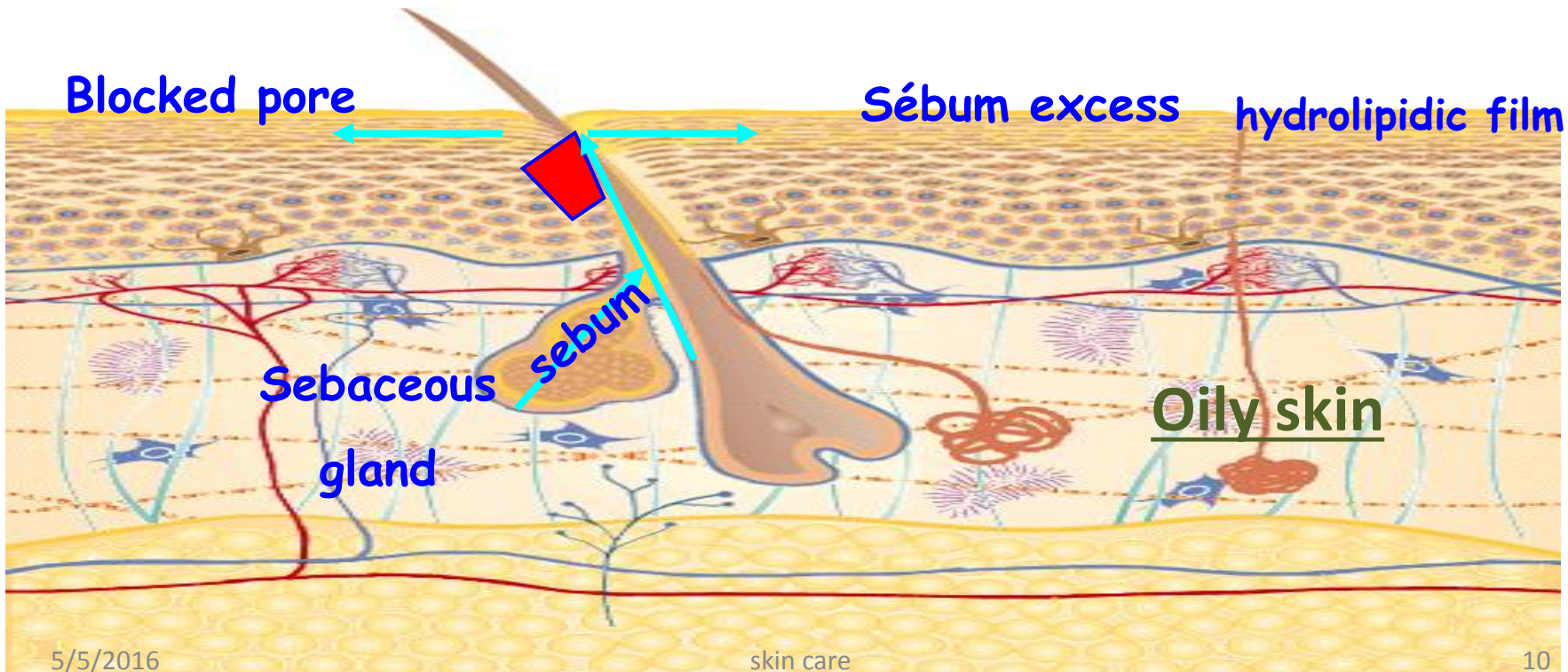
Corneal layer

Basal layer

Blocked pore

Sébum excess

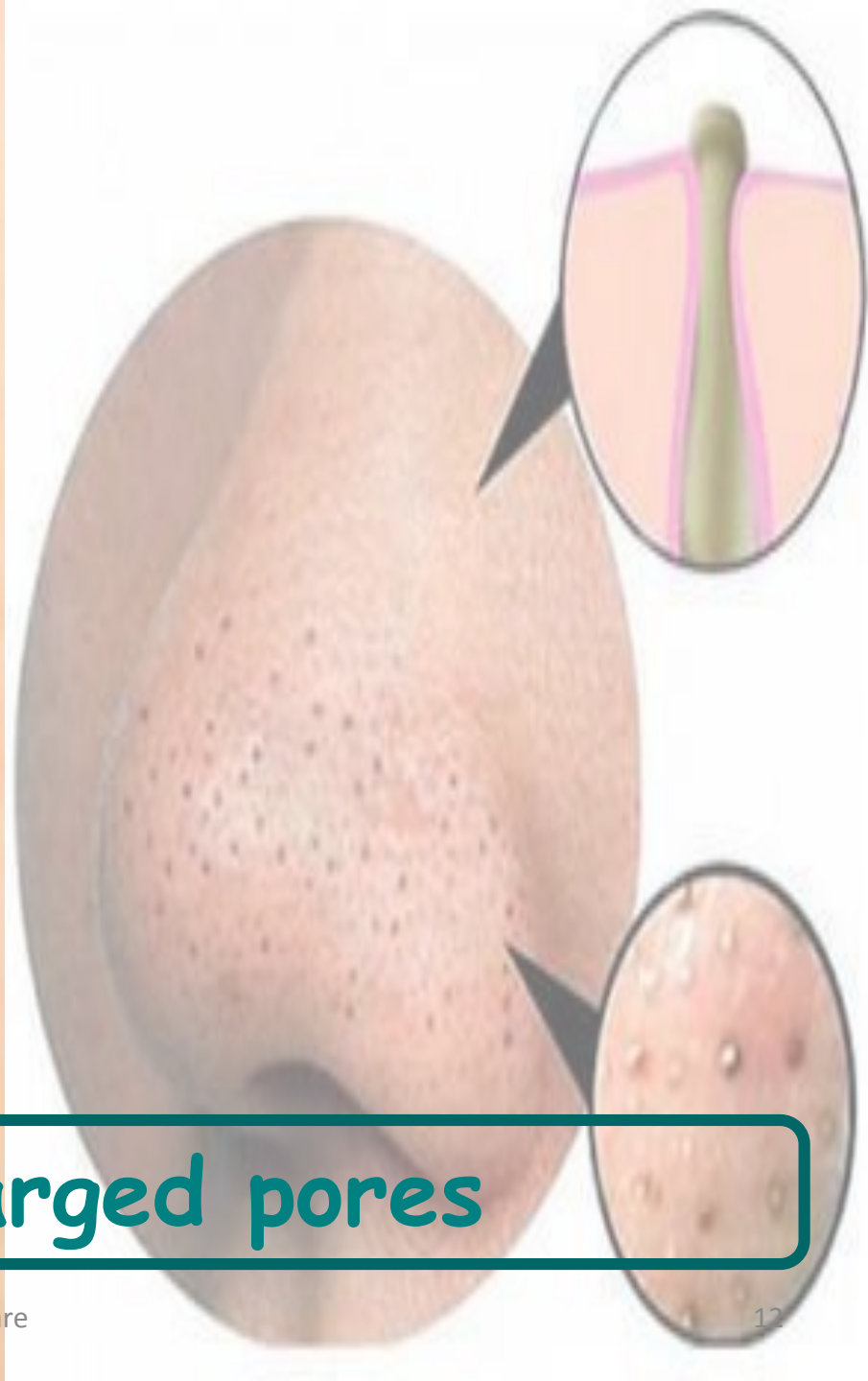
hydrolipidic film



dry skin

Dry skin characters

- redness & itching
- Tight
- Rough & scaly
- fine line
- (dull)



Shiny & enlarged pores

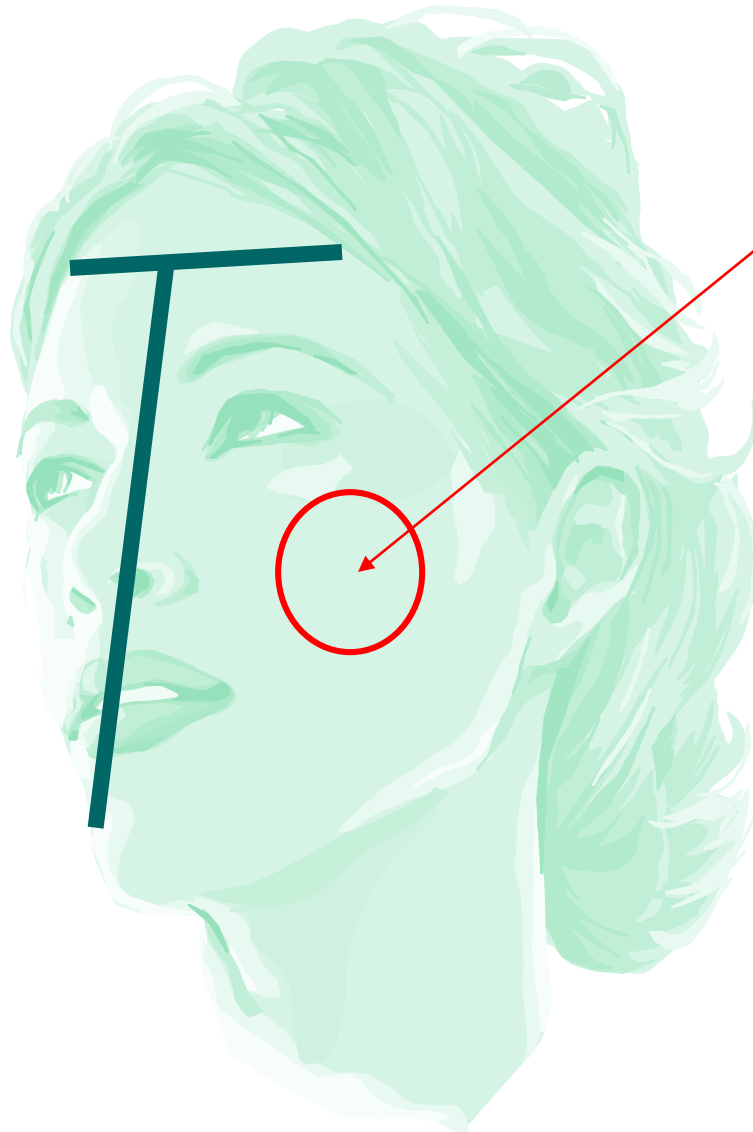
Combination skin

OILY T ZONE

- open pores
- impurities
- black Head
- shiny

T ZONE :

- deep cleansing
- mattifying agent
(shine removing)

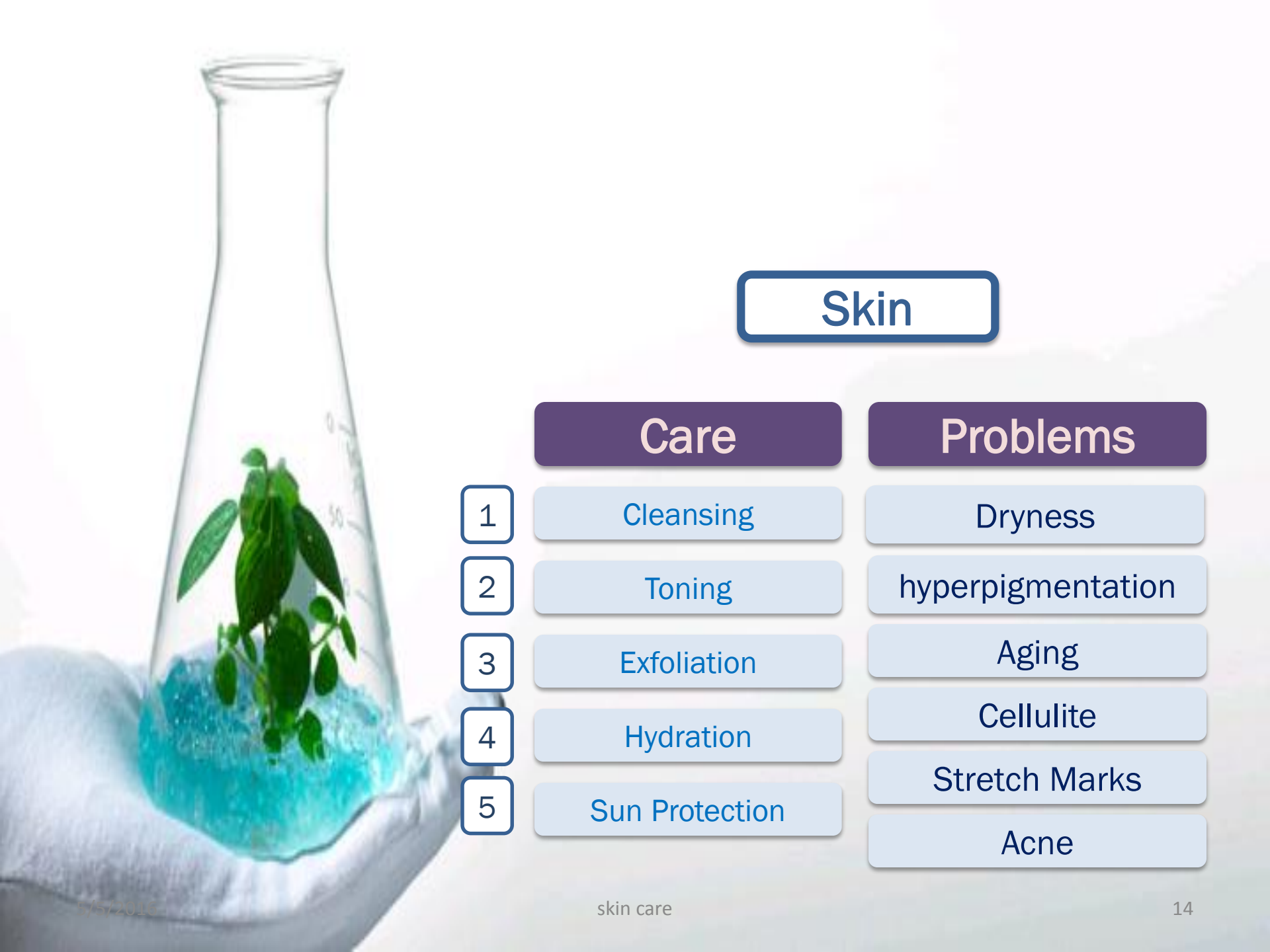


DRY CHEEKS

- taut
- pulling
- coarse
- flaky

DRY CHEEKS :

- HYDRATION
- NUTRITION



Skin

Care

1

Cleansing

2

Toning

3

Exfoliation

4

Hydration

5

Sun Protection

Problems

Dryness

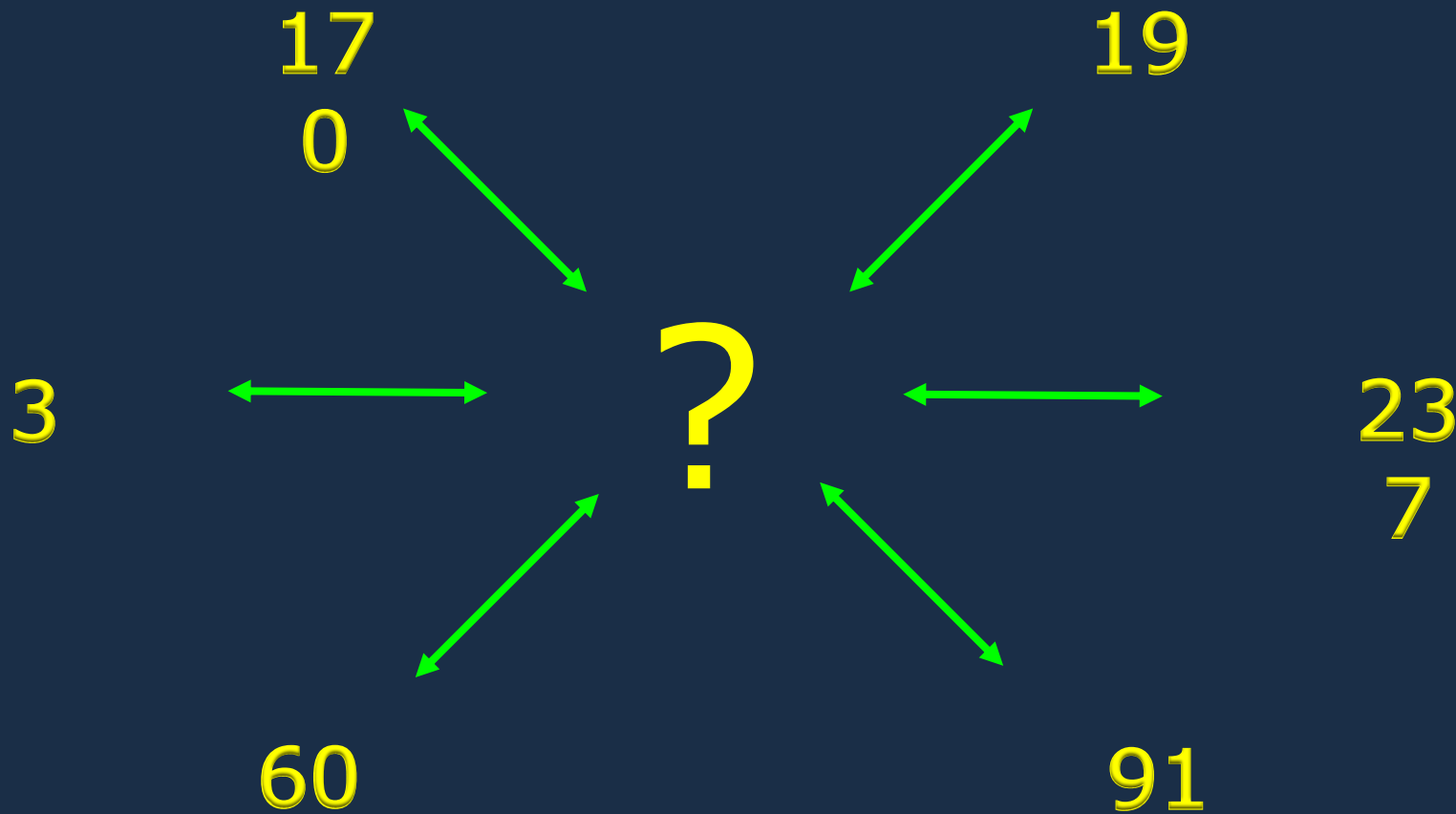
hyperpigmentation

Aging

Cellulite

Stretch Marks

Acne



A close-up photograph of a woman's face and hands. She is washing her face, with her hands cupped under her chin. Water is splashing upwards from her hands, creating a misty effect. Her eyes are closed, and her expression is serene. The background is blurred, focusing attention on the action of cleansing.

Step1 : Cleansing

Is it soap ?

Step1 : Cleansing

Benefits

- Clean dirt, makeup and contaminants.
- Clear way for the active ingredients penetration of next steps.

Frequency

- twice daily. 
- More than twice for oily skin .



Cleansers classification

Cleansers

Skin type

Normal

Dry-sensitive

Oily

combination

Application

Wet

dry

Function

Whitening

Anti-aging

Acne prone

Oily skin cleanser



5/5/2016

Normal skin cleanser



skin care

Dry skin cleanser



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WET

Cleansing bar

Cleansing gel

Cleansing foam



DRY

Cleansing Milk or Lotion

Cleansing Solution or H₂O

Cleansing wipes

CLEANSING

Wet cleanser



Wet cleanser

Dry cleanser



Cleanser contain vitamin C

"classification according to function"



Eye cleanser

The skin around eyes has

- No sebaceous gland
- Thinner & more sensitive
- Stressed by frequent eye movement
- It overlies dense capillary network
- Of wide variety in their characters
(water-based, water proof formulas).



Eye make up remover



- *For sensitive eyes.
- *Same PH of tears.
- *Suitable with lenses wearers.
- * of mixed cleansing properties

Skin

Care

1

Cleansing

2

Toning

3

Exfoliation

4

Hydration

5

Sun Protection





CLEANSING PROCESS

cleansing

- Clean dirt, makeup.
- Clear the way for the active ingredients.

toning

- Pore tightening
- Decrease **sebum** secretion
- Removal of cleanser residue
- Cooling effect

TONERS NAMES

- ✓ Skin Fresheners.
- ✓ Toners .
- ✓ Astringents .
- ✓ Pore lotion .
- ✓ Pore tightener.



Astringents found in toner

- Alcohols
- Organic acids of low M.W :
ex : lactic and citric acid
- Salts :
ex : Al. salt & Zn. salt





Toner for oily skin

- High levels of **alcohols.**
- Antimicrobial agents **.(Triclosan)**
- Keratolytic agents **ex.(Salicylic acid, glycolic acid)**

Toner for dry skin

- Alcohol-free toners are products of choice .
- Or very Low alcohol conc. Toner.
- moisturizers as **Allantoin or chamomile**



toner



toner







Skin

Care

1

Cleansing

2

Toning

3

Exfoliation

4

Hydration

5

Sun Protection

Exfoliate your way
to healthier skin



benefits

- 1-Removal of dead cells.
- 2-Renewal of skin.
- 3-Whitening.
- 4-Collagen stimulation.





Types

Physical exfoliation
(Scrub)

FRICTION BETWEEN
SKIN & MICROBEADS

Chemical exfoliation
(Peeling)

AHA,PHA,OHA,
isotretinoin, azelic acid,
retinoic acid, retinaldehyde,
salysilic acid

Physical scrubs (Abrasives)

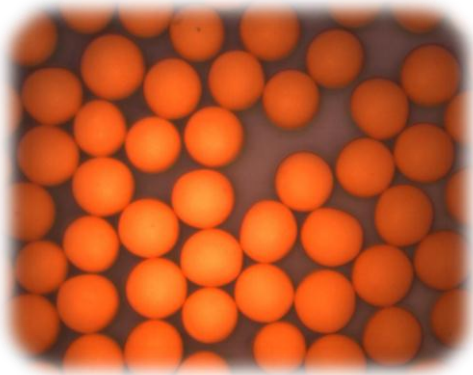
- Ground and fruit Or Polyethylene beads.
- Cheap in price .
- Not for sensitive skin (rough-edged particles)



Ground & Fruit beads

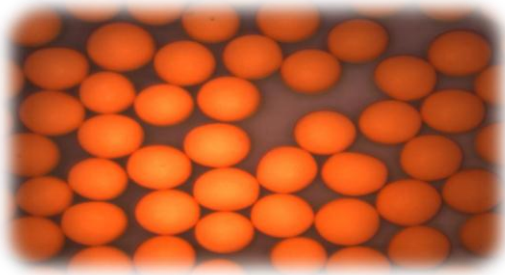


Polyethylene Beads



- Most products on market .
- Mild scrubbing, for sensitive skin (smooth edges)





Polyethylene beads

NIVEA Gentle Exfoliating Scrub



Polyethylene beads

Vichy Pureté Thermale exfoliate



Polyethylene beads

NUXE face exfoliating gel



Nutshell powder with
& rose petals



NUXE
face exfoliating gel

NUXE
body exfoliating cream



Chemical Exfoliation

AHA,PHA,OHA,

ISOTRETINOIN, AZELIC ACID

Glycolic
acid

Citric
acid

Malic
acid

Lactic
acid

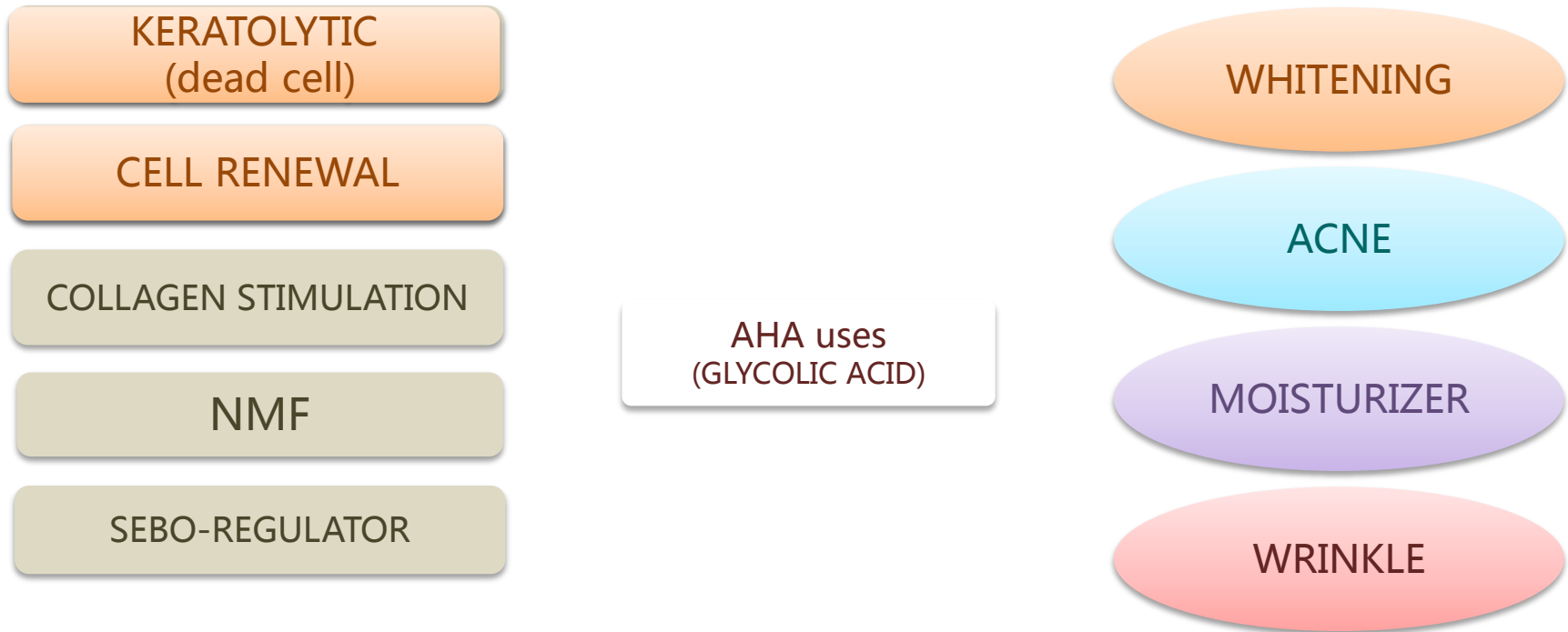
Tartaric
acid

Pyruvic
acid

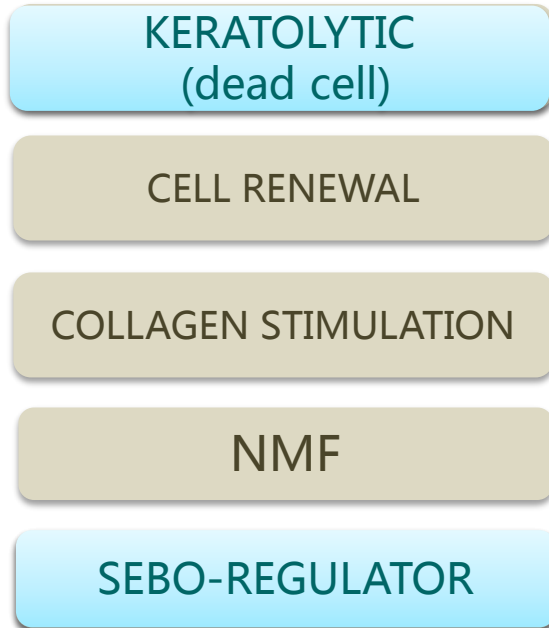
AHA



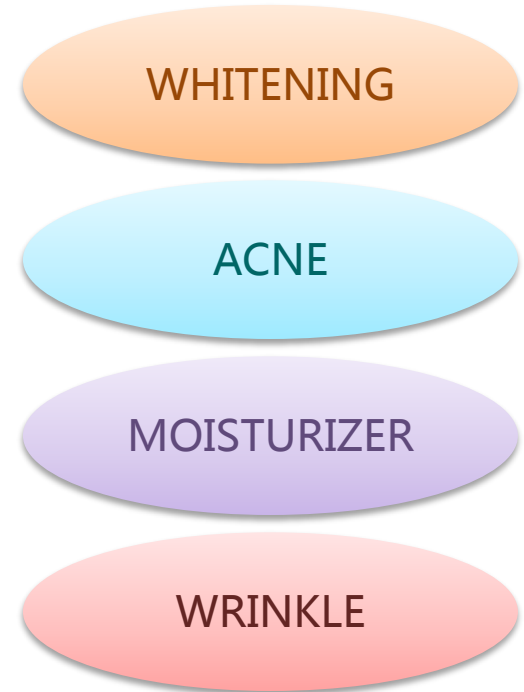
CHEMICAL EXFOLIATION peeling



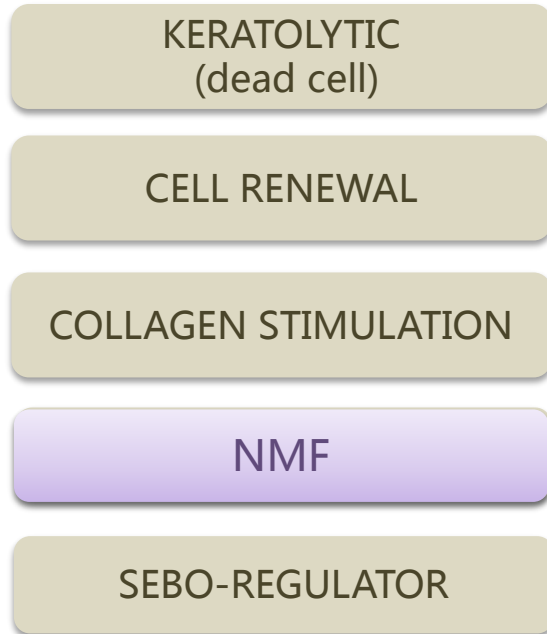
CHEMICAL EXFOLIATION peeling



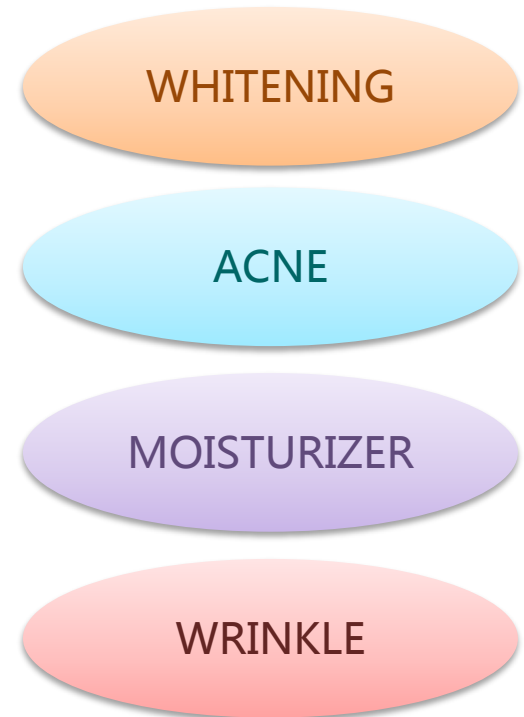
AHA uses
(GLYCOLIC ACID)



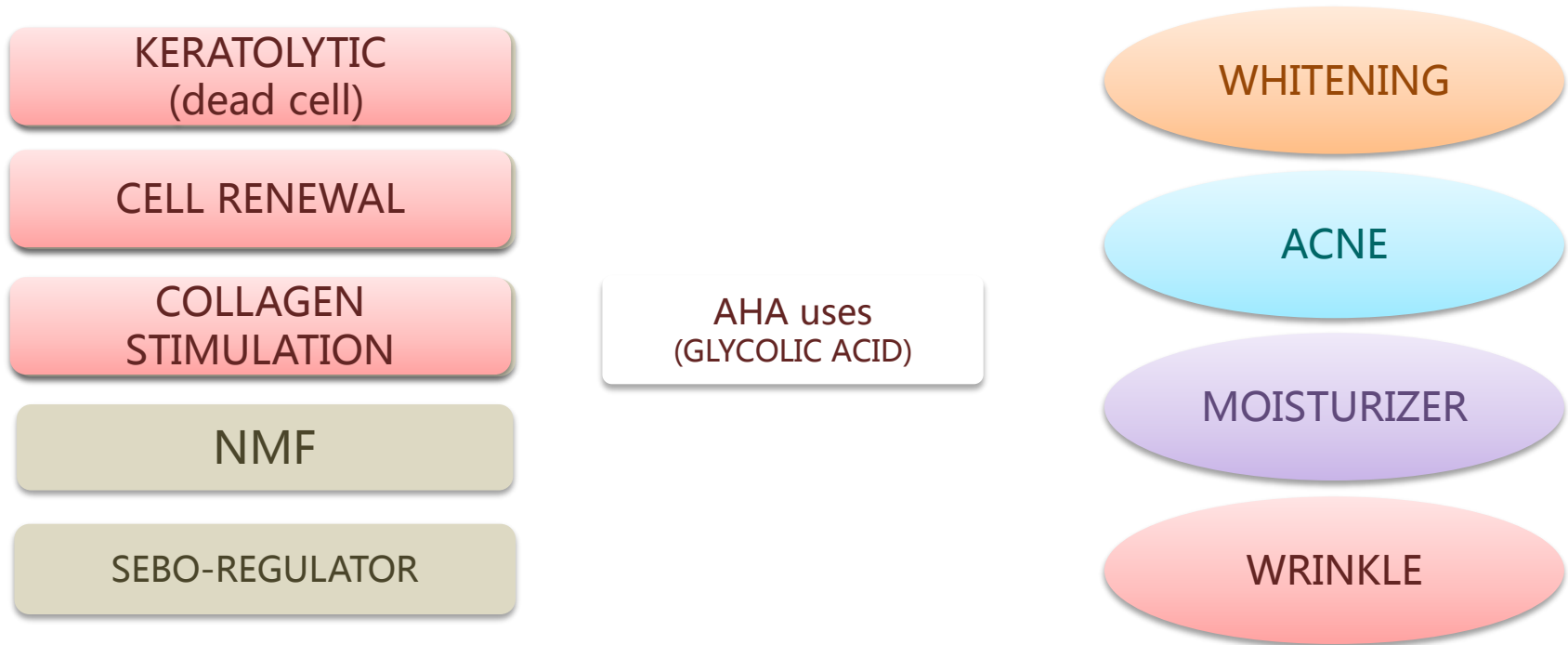
CHEMICAL EXFOLIATION peeling



AHA uses
(GLYCOLIC ACID)



CHEMICAL EXFOLIATION peeling



CUSTOMER EDUCATION

Physical Scrubbing

- ✓ Gentle rubbing ..
- ✓ Mostly twice a week
- ✓ Micro-beads choice size (face-body)

Chemical Peeling

- ✓ At night
- ✓ Not exceed 15 % as OTC
- ✓ Sun protection at morning

Skin

Care

1

Cleansing

2

Toning

3

Exfoliation

4

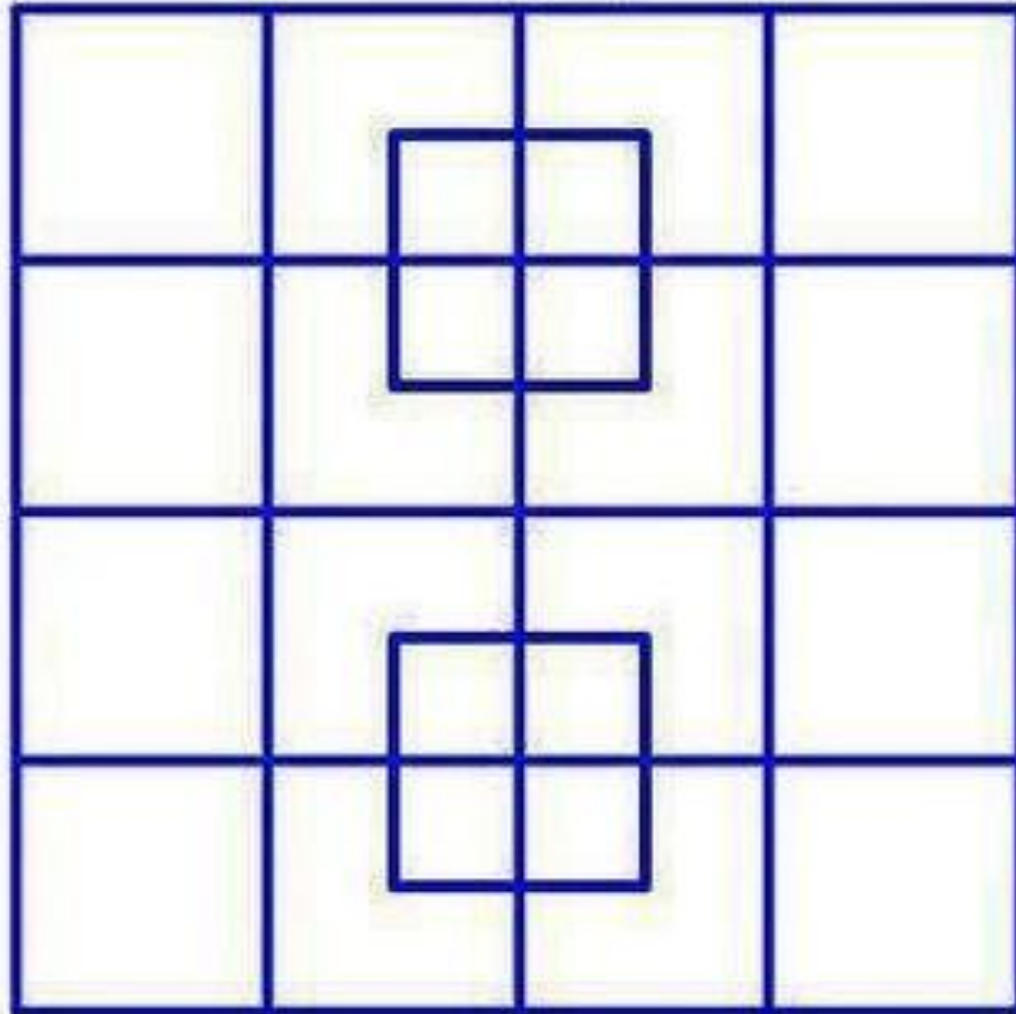
Hydration


5

Sun Protection



How many squares are in this picture?





HYDRATION

Hydration

WHY ?

- 1- smooth, radiant healthy appearance.
- 2- slow trans epidermal water loss (TEWL)
- 3-prophylaxis against wrinkle.



Dry skin
(lack of water or lack of lipid)



5/5/2016

skin care

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The background of the slide is a photograph of a person's back. The skin is light-colored and shows significant signs of dryness, including large areas of flaking, peeling, and redness. There are some darker, possibly irritated spots. The lighting is soft, highlighting the texture of the dry skin.

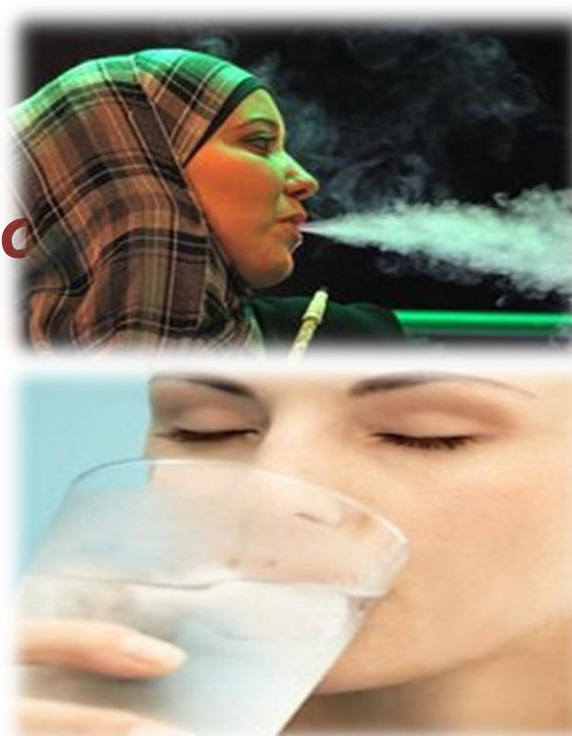
Dryness Symptoms

- redness
- tight
- scaling
- fine line
- loss of radiance
(dull)
- itching

Dry Skin of the Back



Regular soap



Excess
caffeine



Low estrogen



Win
weath

Moisturizing Target (plan)

```
graph TD; A([Moisturizing Target (plan)]) --> B([retaining water content]); A --> C([Increasing water content]); A --> D([Restoring lipid barrier]); B --- E([Occlusives]); C --- F([Humectants]); D --- G([Functional Ingredients]);
```

The diagram illustrates the components of a moisturizing plan. At the top, a white oval labeled 'Moisturizing Target (plan)' has three arrows pointing down to three green ovals: 'retaining water content', 'Increasing water content', and 'Restoring lipid barrier'. Below each of these green ovals is a corresponding light green or orange rounded rectangle: 'Occlusives' under 'retaining water content', 'Humectants' under 'Increasing water content', and 'Functional Ingredients' under 'Restoring lipid barrier'. The background is a close-up of a person's skin, showing a finger applying cream to the cheek.

retaining
water content

Occlusives

Increasing
water content

Humectants

Restoring
lipid barrier

Functional
Ingredients

1 - Occlusives

Oily layer on the skin ↓ water evaporation

- **Lanolin** is the first one used.
- **Petroleum jelly** the most common recently.
- **Beeswax**.



Effective when applied directly after washing

Limitation of Occlusive

- Occlusive have some limitations :
 - ☐ Odor .
 - ☐ Potentially allergic.
 - ☐ Greasy.
 - ☐ Comedogenic.





2-Humectants

- Humectants are substances that absorb water :
 1. from the dermis to the epidermis.(dry weather)
 2. from the external environment .(humid weather)

but in dry condition?

Common Humectants

Medscape®

www.medscape.com

- Gelatin
- Glycerin ←
- Honey
- Hyaluronic acid ←
- Panthenol
- Propylene glycol ←
- Sodium and ammonium lactate
- Sodium pyrrolidine carboxylic acid
- Sorbital
- Urea ←

Source: Skin Therapy Lett © 2005 SkinCareGuide.com

3-Functional Ingredients

The ingredients that intend to :

- **restore lipid barrier functions of the SC.**

ceramid & vitamin pp

omega

sterols & FA

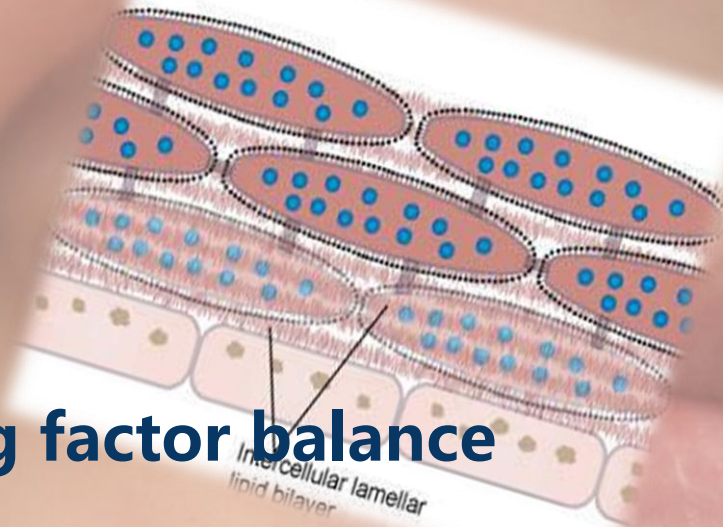
- **Restoring the natural moisturizing factor balance**

urea

lactic acid

glycolic acid

lipid barrier composed of ceramid, cholesterol & fatty acid





WHO REACH ...1 ...
FIRST?

Occasional-Temporary
Hydrating
(humectants & occlusive)



Oily skin Hydrating products



BB skin hydrating creams



HAND Occasional-Temporary Moisturizing (humectants & occlusive)



Occasional-Temporary Moisturizing
Dry Sensitive skin
(humectants & occlusive) Fragrance Free

Occasional-Temporary Moisturizing
Dry skin
humectants & occlusive



(non-occasional dryness) Functional Ingredients



(non-occasional dryness) Functional Ingredients



(non-occasional dryness) Functional Ingredients



Dry, rough and flaky Body (Moisturizers contain chemical exfoliates)



Dry, rough and flaky Body (Moisturizers contain chemical exfoliates)























Akerat cream contains lactic acid, urea 10 % & salicylic acid and is used for dry scaly skin,.....

Lip palm products



Any questions?



1		11		21	
2		12		22	
3		13		23	A B C
4		14		24	D
5		15		25	A
6		16		26	D
7		17		27	C
8		18		28	D
9		19		29	A B
10		20		30	A B

Skin

Care

1

Cleansing

2

Toning

3

Exfoliation

4

hydration

5

Sun Protection



Sun care

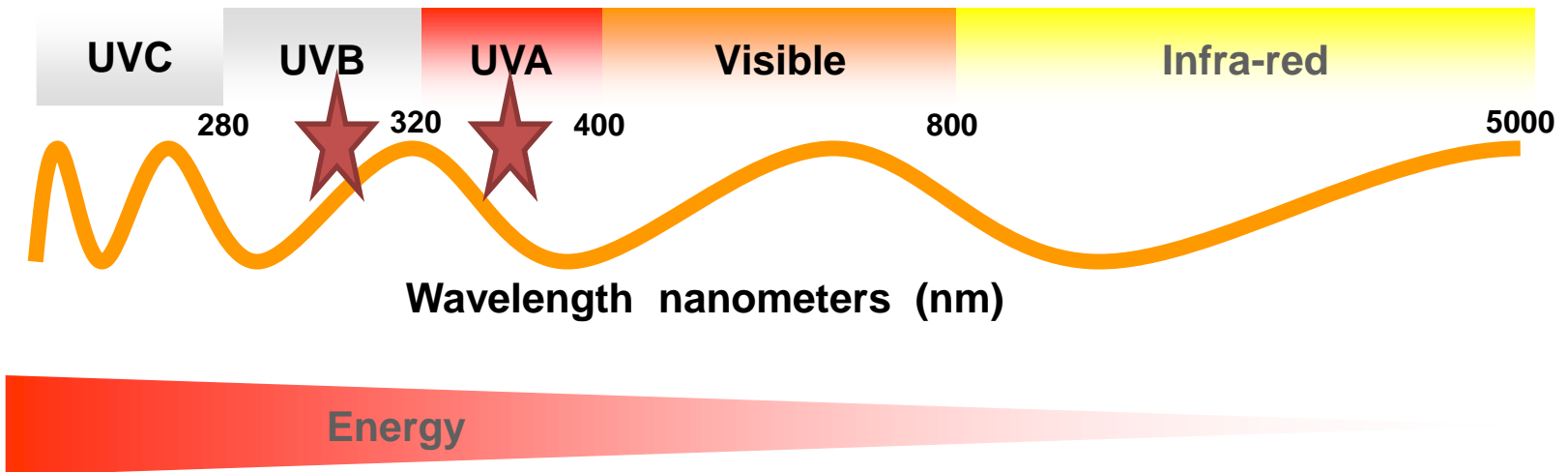
SUN SCREEN

SUN TAN

SUN BURN



Normal solar radiation



UVB: high energy (short wavelength) (epidermal activity)

UVA : less energy (long wavelength) deeper action (dermis activity)

UV RAYS action

UVB

UVA

Short term

Melanin Synthesis

Immediate Pigmentation

Erythema

Long term

Immunosuppression

Skin Cancers

wrinkle



Sun protection

Prevention is better than cure.

SUN SCREEN IMPORTANCE

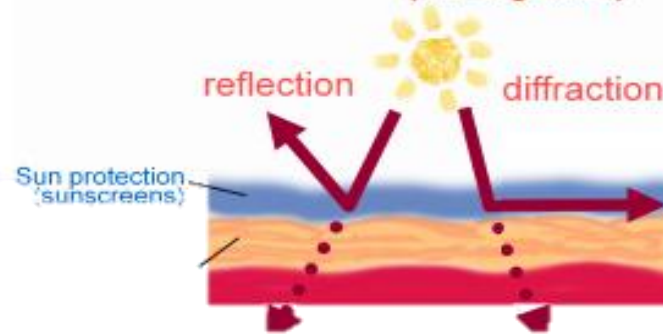
- ↓ hyperpigmentation.
- Skin dryness & aging (wrinkles).
- Avoid sun burn (erythema).
- Reduce skin cancer.



Sunscreen Action

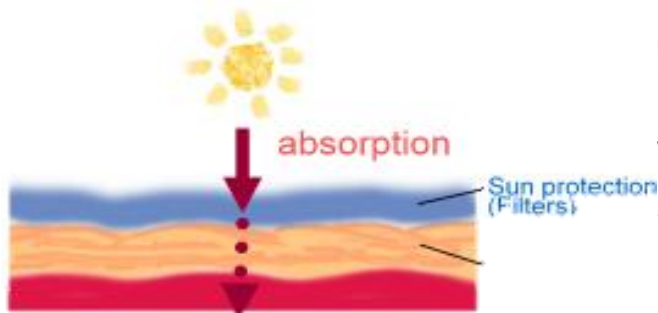


Sunscreens (physical)
(In organic)



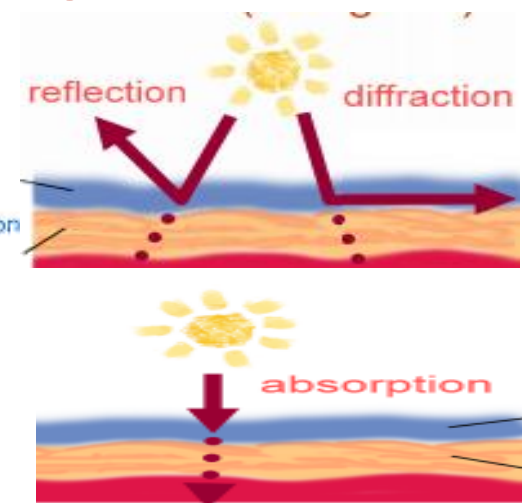
Reflect sun rays
Ex. Zn oxide
titanium dioxide

Filters (chemical)

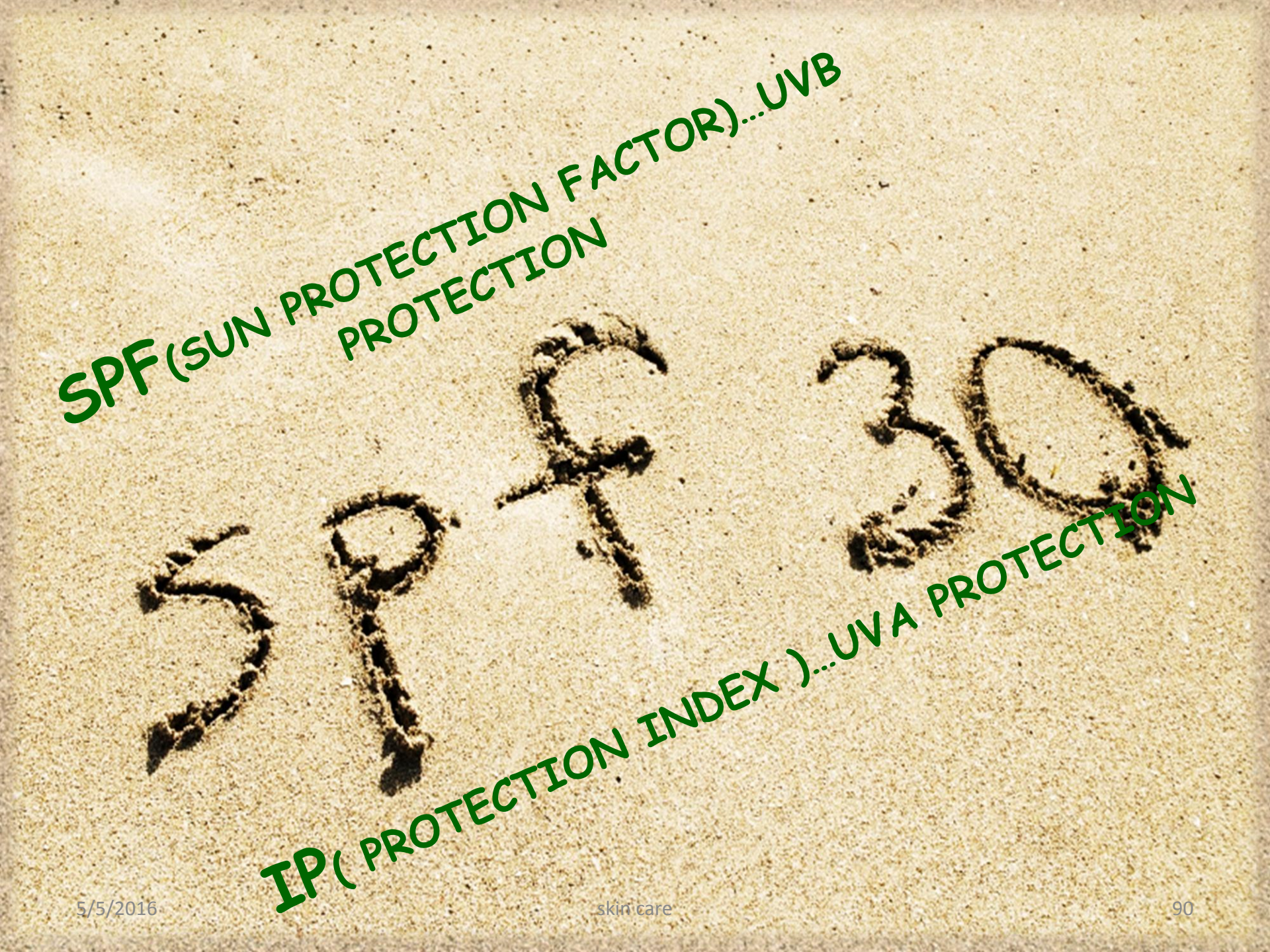


Absorb sun rays &
preventing them
From penetrating skin
Ex. Tinosorb S

Organic particulates



Reflection & absorption
Ex. Tinosorb M



SPF(SUN PROTECTION FACTOR)...UVB
PROTECTION

SPF 30

IP(PROTECTION INDEX)...UVA PROTECTION

How to use sunscreen ???

- 15-30 min before sun exposure
- Reapply regularly every 2-3 hrs
- Reapply after every water & sweat exposure
- 1/4-1/3 teaspoonful for face





Not reapplying could even cause more cell damage than not using sunscreen at all, due to the release of extra free radicals from those sunscreen chemicals which were absorbed into the skin.

Water resistant: maintains SPF for at least 40 min of water exposure



Water proof: maintains SPF for at least 80 min of water exposure

SUN SCREEN

AGE (action)

SPECIAL
CASE

SKIN TYPE

BODY AREA

STRENGTH &
DURATION

ADULT
(CHEMICAL)

COMPACT
SVR

CREAM

CREAM OR
FLUID

SPF 30

CHILD
(PHYSICAL)

TIENT

FLUID,
EMULSION,
CREAM GEL, GEL

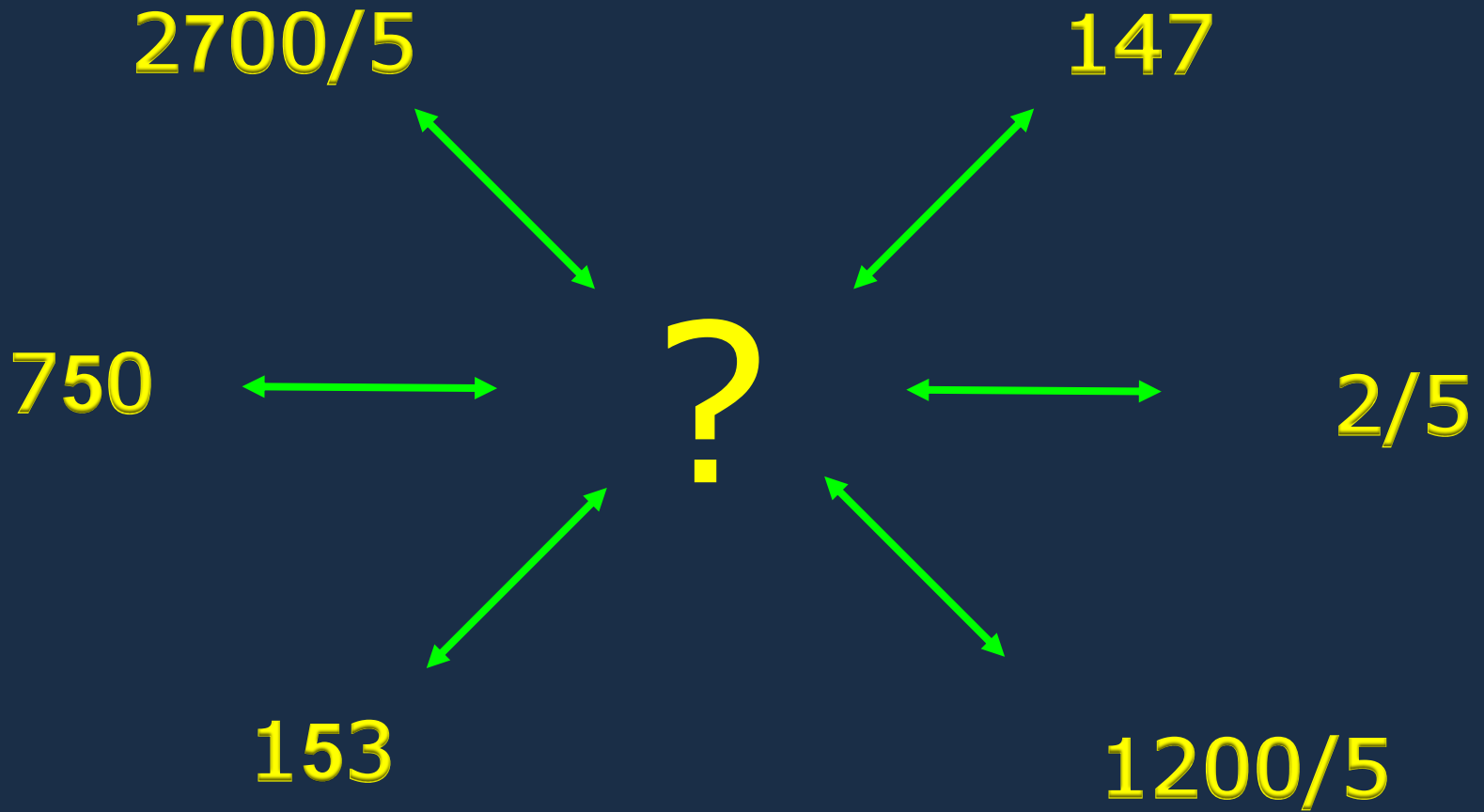
MILK OR
SPRAY

SPF 50

SPOT
BIODERMA

SPF 100

MINERAL
SVR

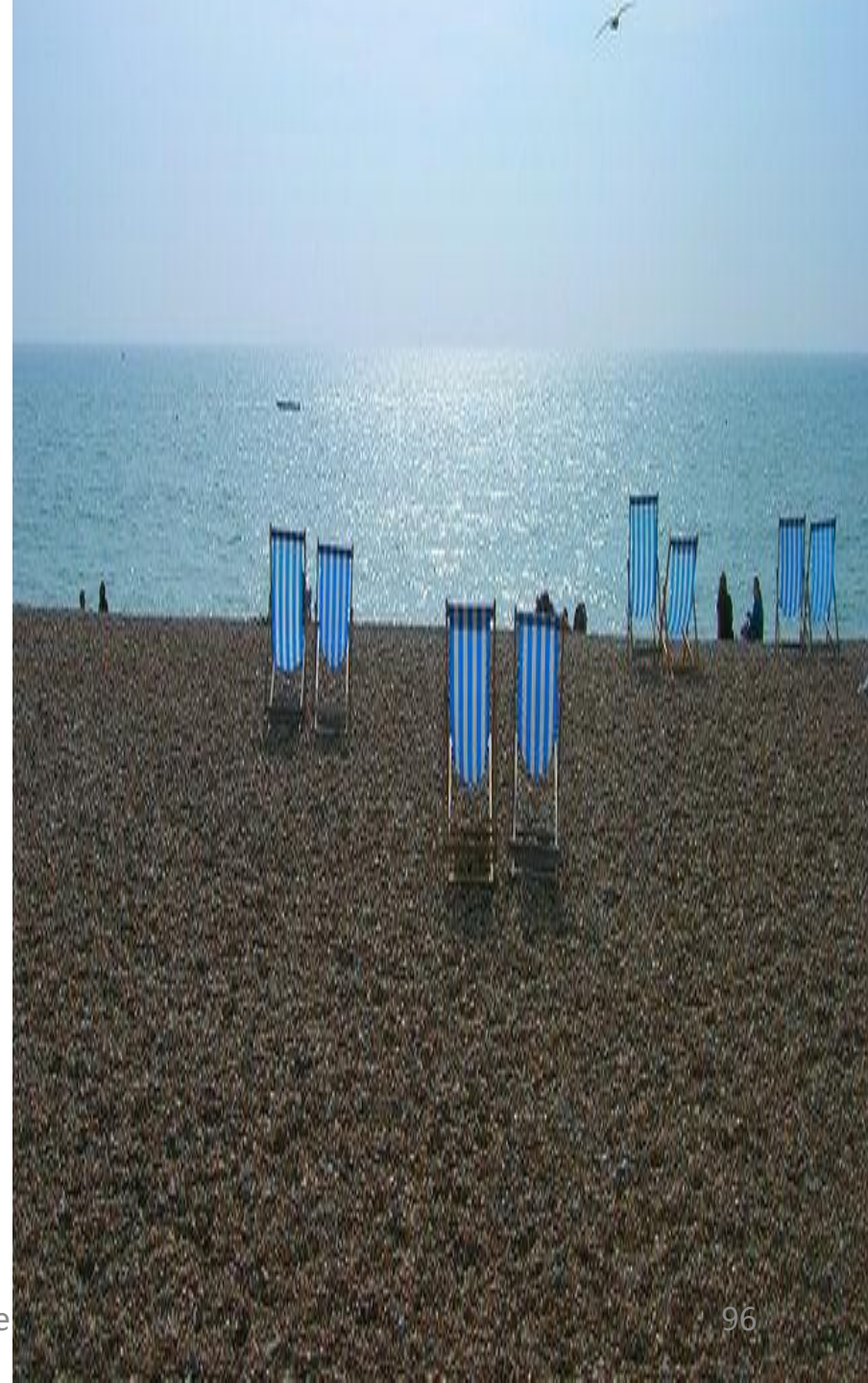




Photoderm
cream



photoderm
fluid



oily & combination skin



dry & normal skin





BIODERMA
LABORATOIRE DERMATOLOGIQUE

Nouveau
New

Photoderm
BRONZ
SPF **50+**

BIOPROTECTION® CELLULAIRE
CELLULAR BIOPROTECTION®

FLUIDE SOLAIRE
TRÈS HAUTE PROTECTION
PEAUX INTOLÉRANTES
Texture invisible - Visage
Active le bronzage naturel

PARTUM SPECIAL SOLEIL
WATER RESISTANT

SUN FLUID
VERY HIGH PROTECTION
INTOLERANT SKIN
Invisible texture - Face
Activates the natural tan
SPECIAL SUNSHINE FRAGRANCE
WATER RESISTANT

40 ml e

BIODERMA
LABORATOIRE DERMATOLOGIQUE


Photoderm
BRONZ
SPF **50+**

BIOPROTECTION® CELLULAIRE
CELLULAR BIOPROTECTION®

FLUIDE SOLAIRE
TRÈS HAUTE PROTECTION
PEAUX INTOLÉRANTES
Texture invisible - Visage
Active le bronzage naturel

SUN FLUID
VERY HIGH PROTECTION
INTOLERANT SKIN
Invisible texture - Face
Activates the natural tan

40 ml e

A close-up photograph of a young child with light skin and blonde hair, smiling broadly. The child is wearing a light-colored bucket hat with a dark airplane emblem on the front. They have white sunscreen applied to their cheeks and nose. They are wearing a blue short-sleeved shirt and are lying on a sandy beach. In the background, there is a blue sky and a body of water. A thought bubble is overlaid on the left side of the image.

Sun screen
for kids can
be used for
adults ????

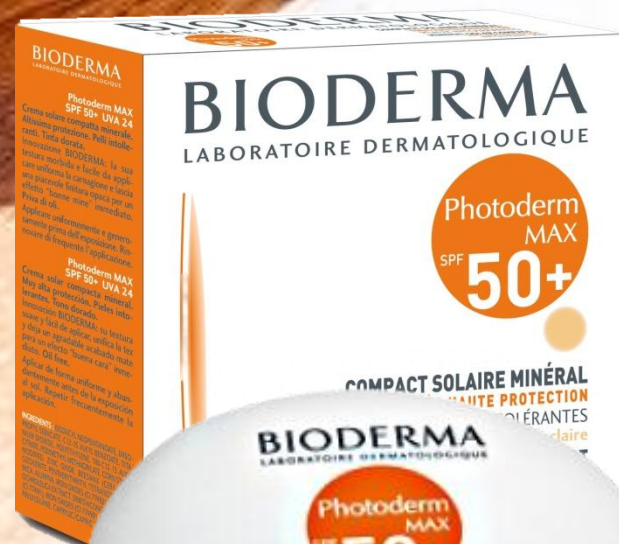


Sun screen milk can be used for face ????



Sun screen 1st or make up ????

Sun screen 1st or moisturizers ????







Customer
education



10 AM - 4 PM sun

Sun
screen
applicati
on



Sun care

SUN SCREEN

SUN TAN

SUN BURN





Tanning

Tanning (bronzing)



- For the purpose of darkening skin color, exposing the skin to (UV) , either during sun bathing or using artificial sources, such as tanning beds.

Tanning mechanisms

- UVA increase melanin production→darkening

Tanning types

Sun tan

Sun → increase melanin production → darkening of skin color

(tanning oil-tanning cream)

Concentrate sun rays on the skin & increasing darkening of skin
Prevent drying of skin

Self tan

Self tan (Sunless tan)
Contain dihydroxyacetone 5%

> > > few hours
Suntan like color & lasts 3-5 days
(not used with pregnant women)

Sun Tan



faster and
darker color

5/5/2016



skin care



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Sun Tan



Self Tan





Sun care

SUN SCREEN

SUN TAN

SUN BURN



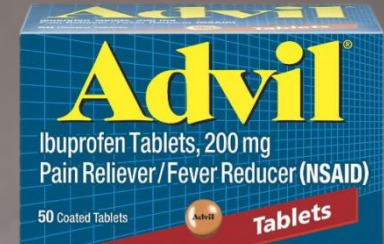
Sun burn

A man with dark, wavy hair and sunglasses on his head is shown from the chest up. His face, neck, and shoulders are covered in a bright red, inflamed sunburn. He has a slightly pained or uncomfortable expression.

UV Rays cause sun burn (4-6 Hrs sun exposure)



1st degree Sun burn care

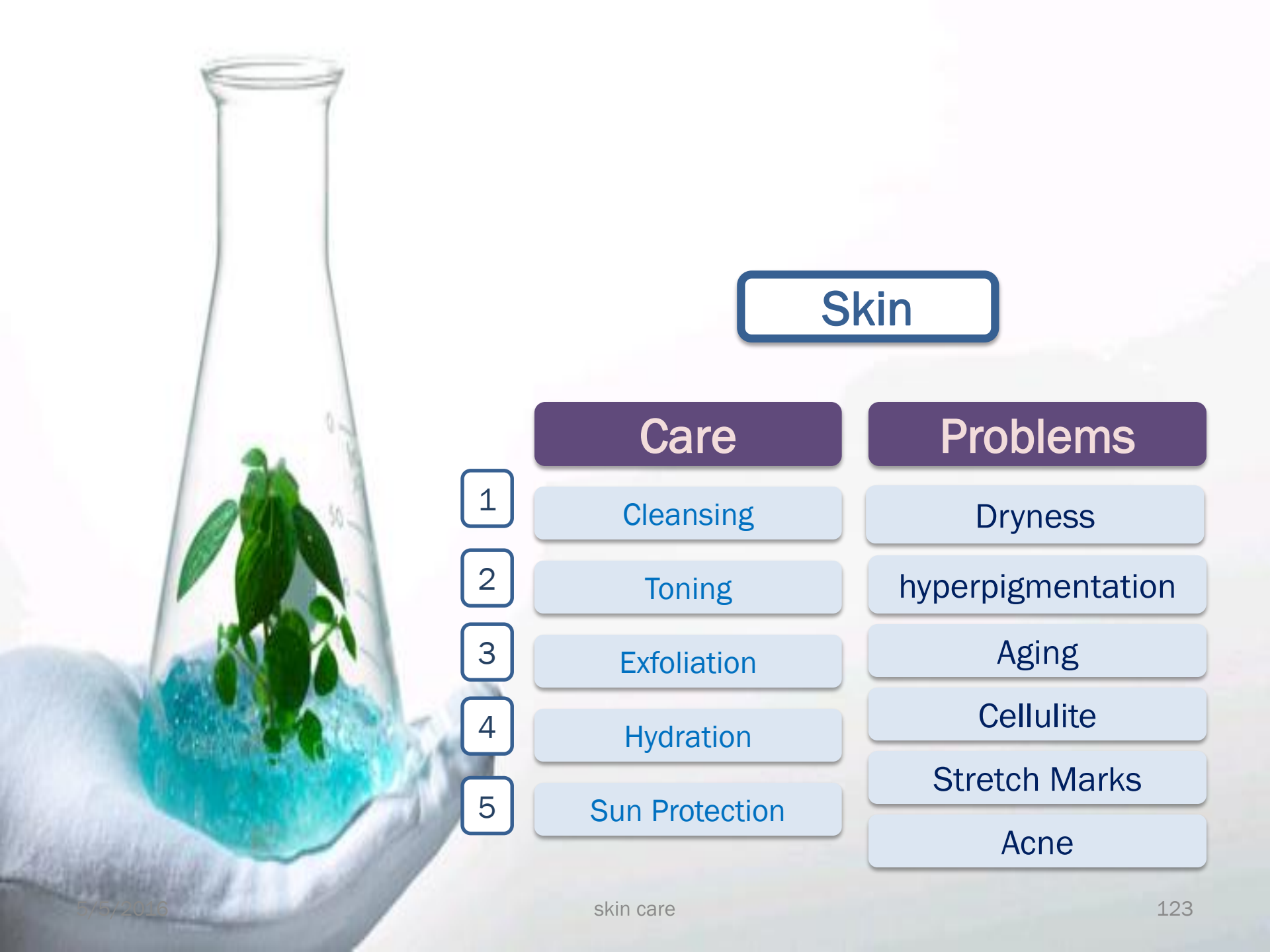


skin care

21

2nd degree Sun burn care





Skin

Care

1

Cleansing

2

Toning

3

Exfoliation

4

Hydration

5

Sun Protection

Problems

Dryness

hyperpigmentation

Aging

Cellulite

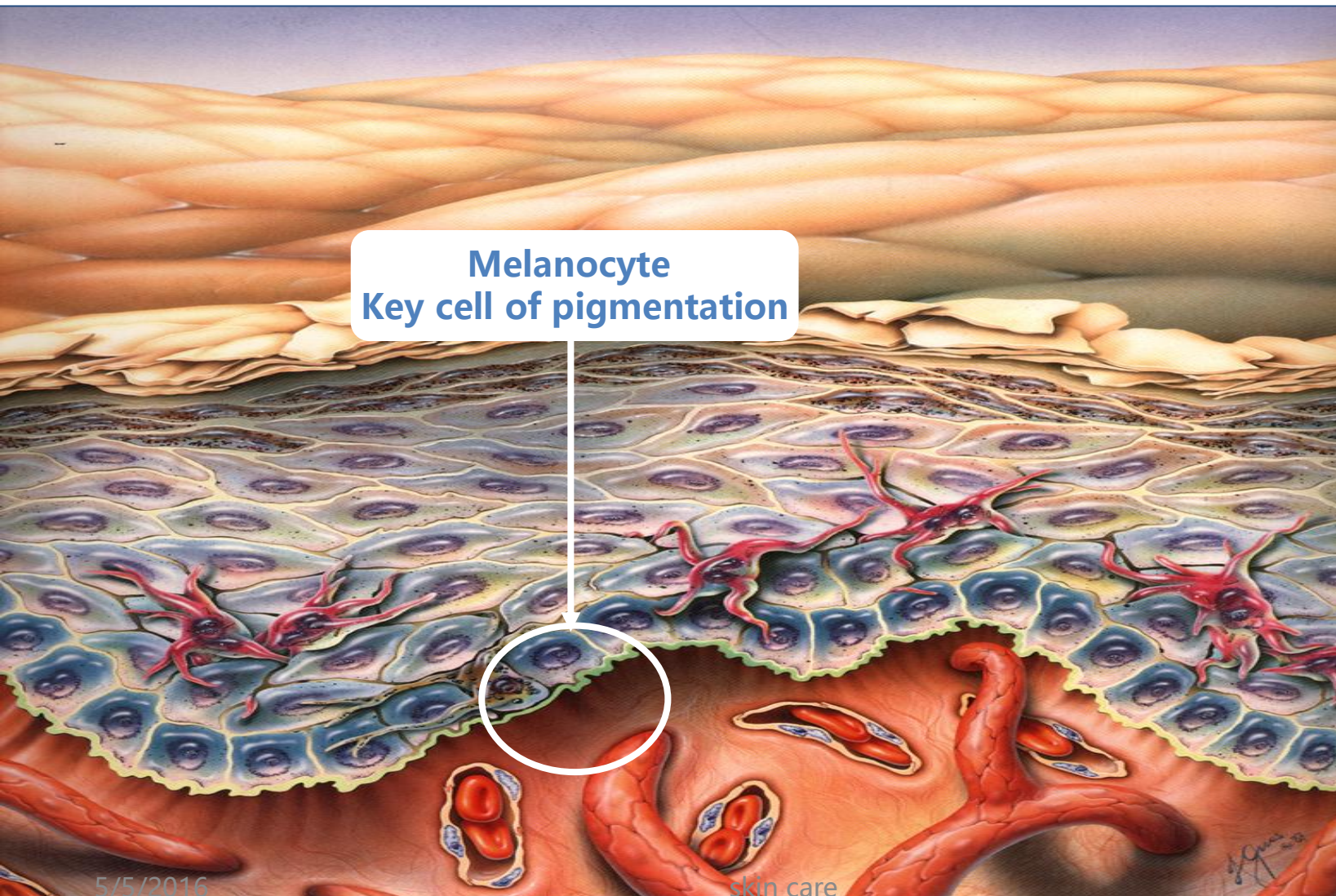
Stretch Marks

Acne



HYPERPIGMENTATION

HYPERPIGMENTATION



Melanocyte
Key cell of pigmentation

Corneal
layer

Epidermis

Dermis

HYPERPIGMENTATION

Keratinocyzt



Melanozyt

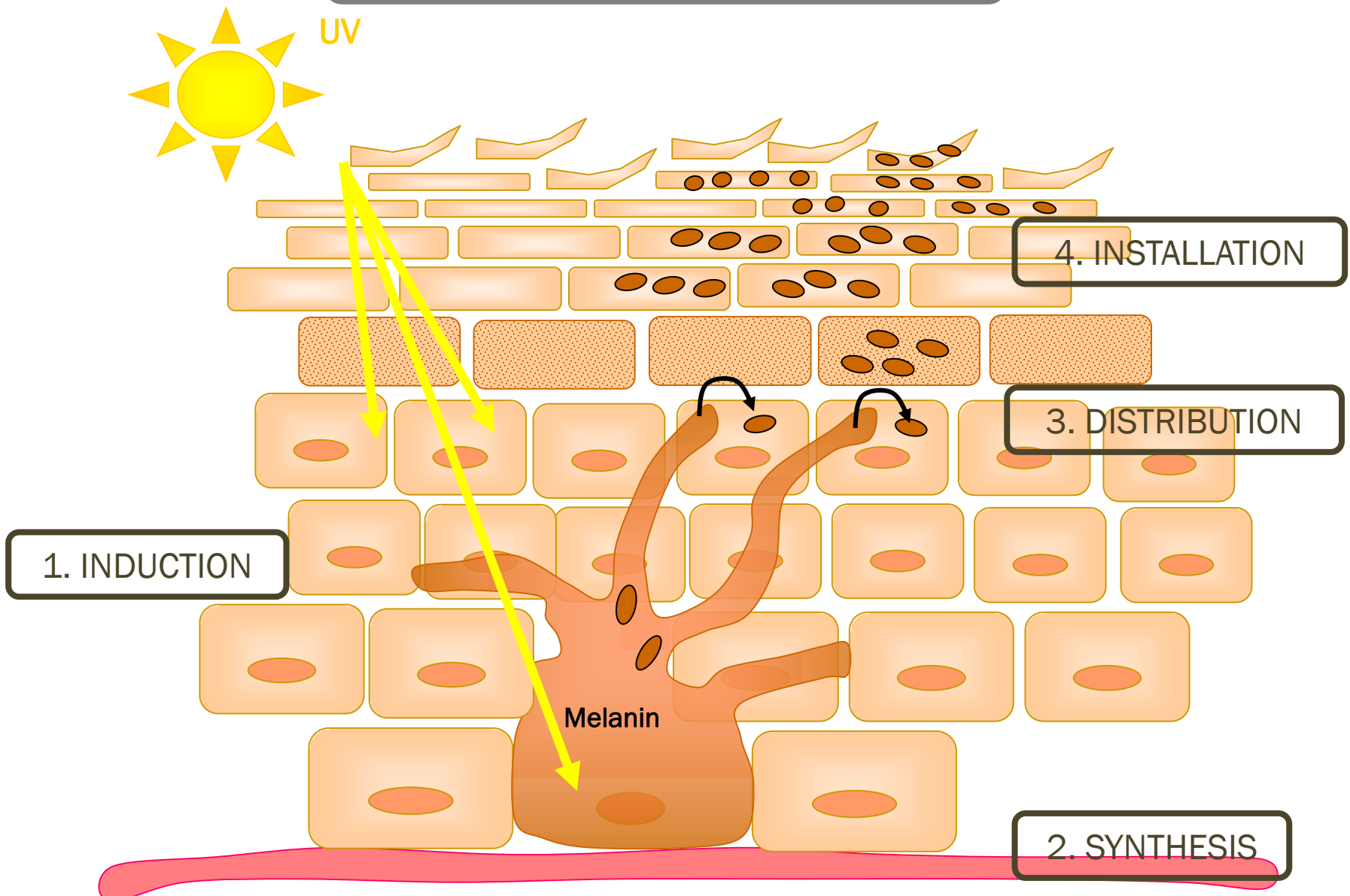




Causes of Hyperpigmentation

- Direct exposure to sun rays
- Hormonal imbalance (melasma) Hormonal therapy , pregnancy , contraceptive pills
- Hereditary . little faire spots (faire skins / red heads)
- Phototoxic, photo sensitive components: retinoic acid (Roaccutane), sulphamides, ...
- Eczema , (Post inflammatory hyperpigmentation)

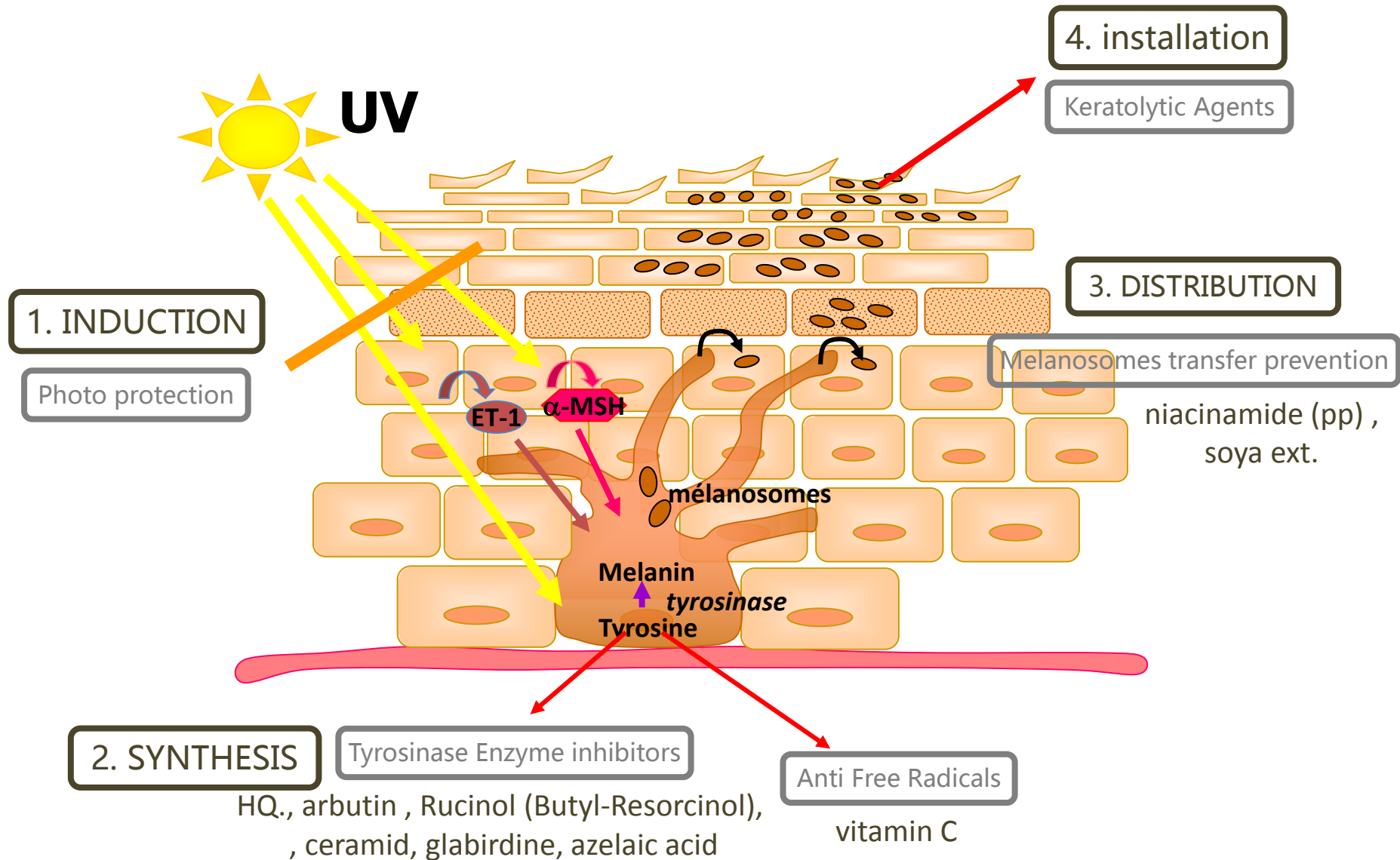
skin pigmentation stages

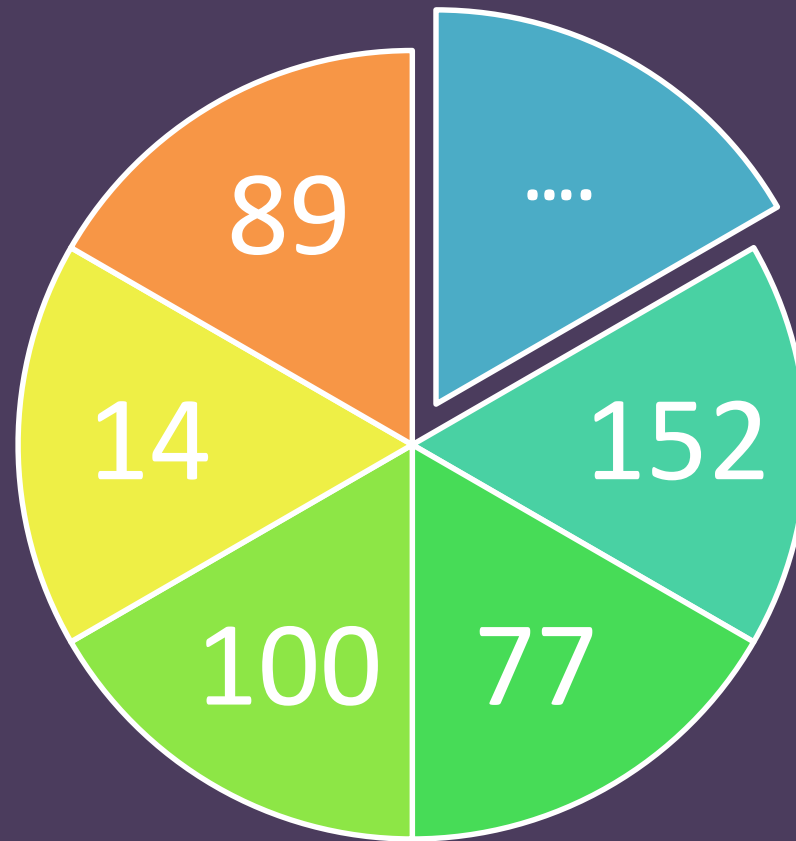




MELA

Hyperpigmentation treatment plan





Target : PIGMENTING
MARKS PREVENTIVE
CREAM



Hypoallergenic, Fragrance-free

Target : ANTI-BROWN
SPOTS HIGH PROTECTION
DAYTIME SKINCARE



Hypoallergenic, non-comedogenic

Target :
INTENSIVE DEPIGMENTING
(ANTI-BROWN SPOTS)



Hypoallergenic, non-comedogenic

	DEPIDERM PI	DEPIDERM SPF 50	DEPIDERM INTESIVE
SPF		*	
AHA , BHA			*
Vitamin C	*	*	*
(necotinamide)	*	*	*
Glabridin (licorice)	*	*	*

Target :
even skin color tone



Target :
intensive day & night care
for spots & flaws



Target :
intensive night care
for spots & flaws



Fragrance-free, hypoallergenic,
non-comedogenic

	White Objective Active cream/fluid	White Objective Pen	White Objective Serum
Uv filter (spf 27)	*	*	
glycolic acid 12 %		*	*
Vitamin C	*	*	* (fresh)
Vitamin PP (niacinamid)	*	*	*
Glabridin (licorice) extract	*	*	*
Azaleic acid	*	*	*

Target : even skin color tone

Target : intense care for spots & flaws



Non-comedogenic
as make up base (matifying)



Fragrance-free, hypoallergenic,
non-comedogenic

	Melascreen Ecla	Melascreen Depigmentant
Uv filter (spf 15)	*	
Vitamin C	*	
Vitamin PP (niacinamid)	*	
Azelaic acid		*
glycolic acid		*
application	At day for 3 months	At night for 3 months

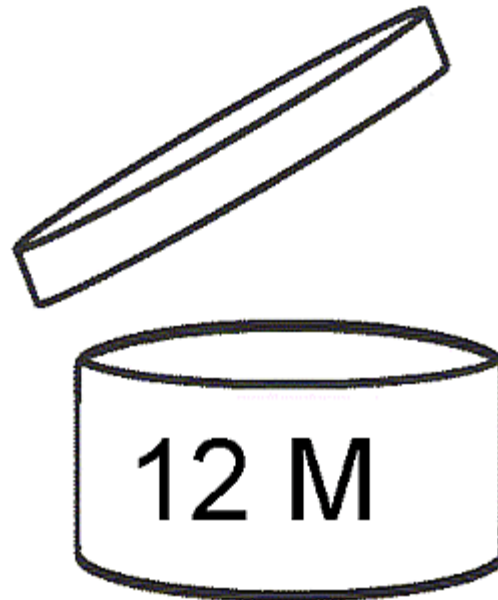
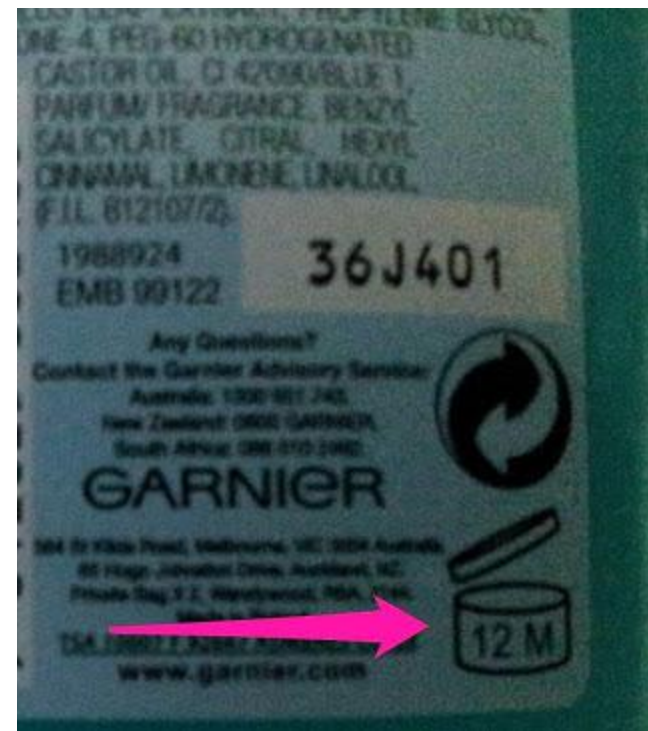
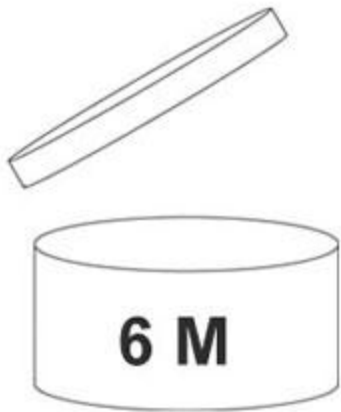
Eucerin®

VICHY

LABORATOIRES



Vit. C
Arbutin
glibridine



If $1 + 2 = 3$

$3 + 4 = 21$

$5 + 6 = 55$

Then $4 + 5 = ?$



Skin

Problems

Dryness

hyperpigmentation

Aging

Cellulite

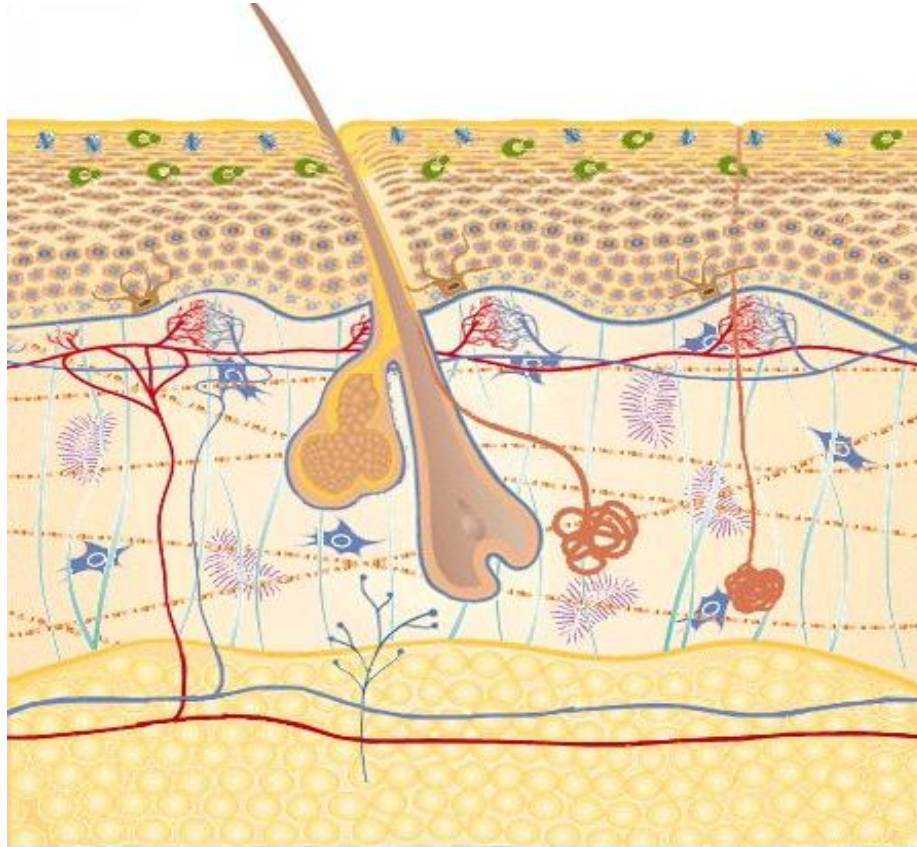
Stretch Marks

Acne



AGING

Wrinkles

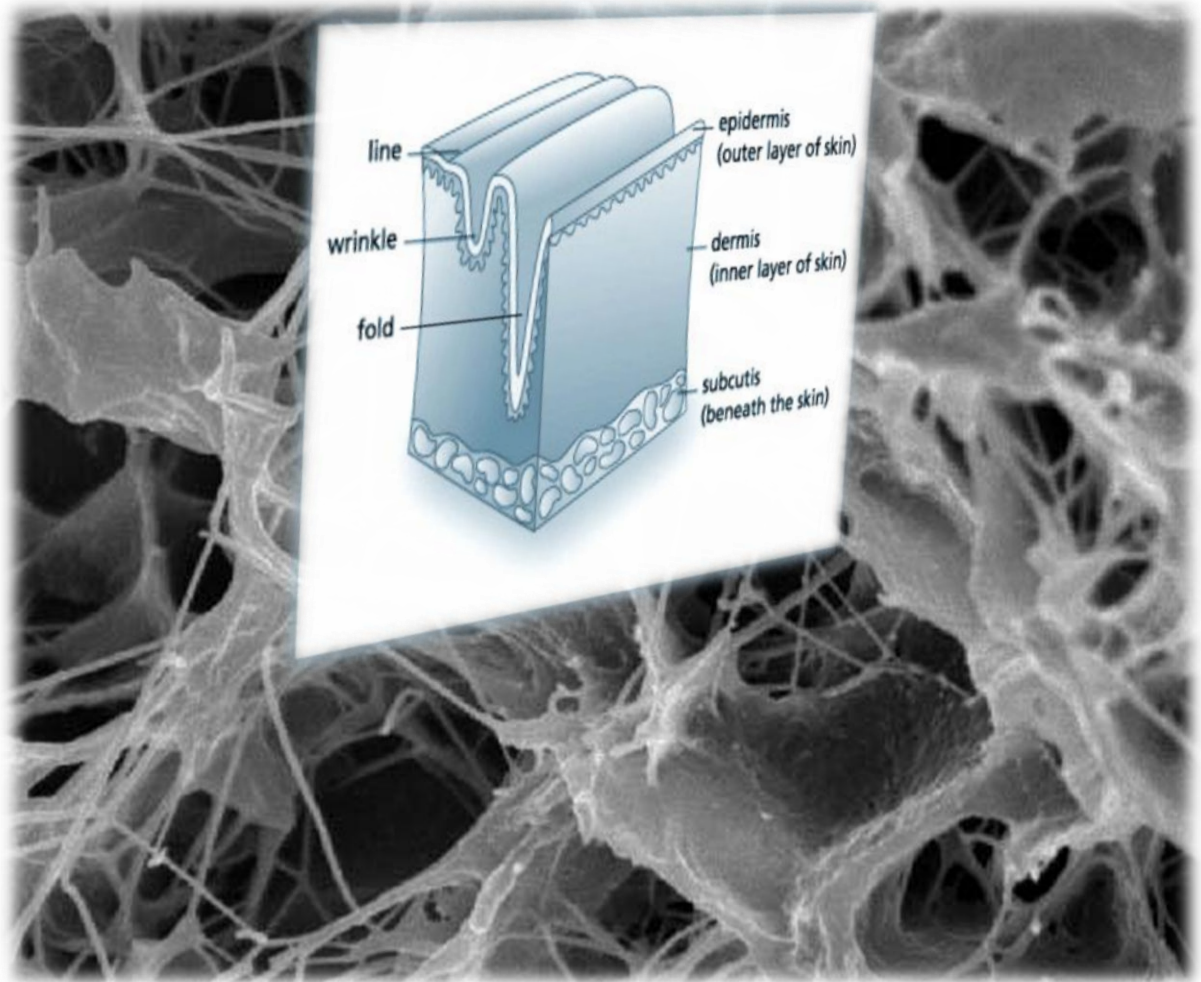


dermis

Dermis contain :
collagen
& elastin fibers

Collagen Fibers

- Supportive structural protein
- provides strength for the skin.
- 80-90% of the skin's total proteins.





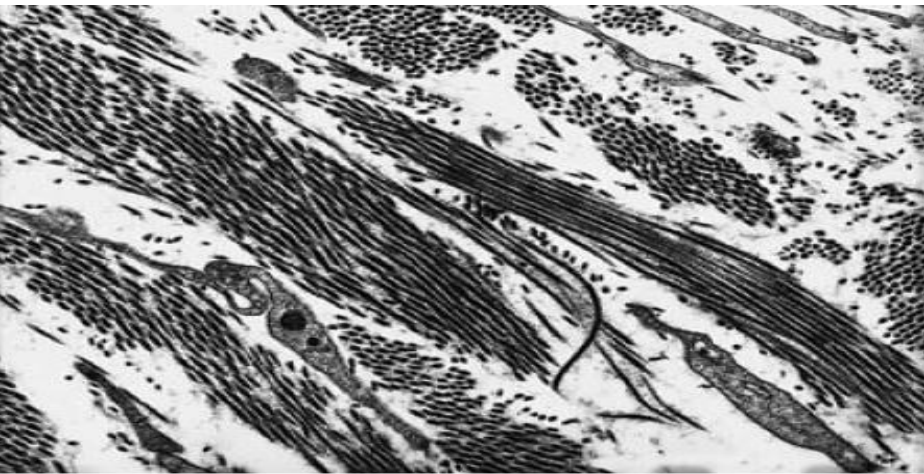
Restylane



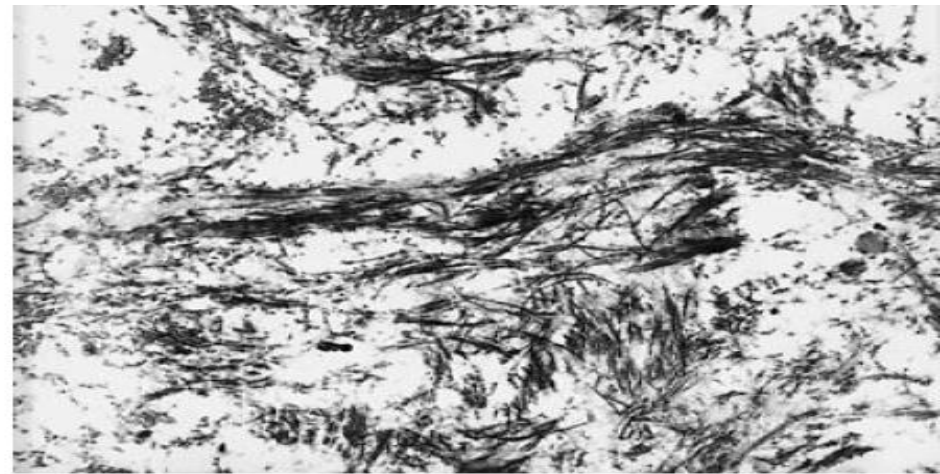
Causes of wrinkle

1-Aging

- collagen & elastin fibers degradation (exhausting)
- Thinning of the skin (thinner skin tend to wrinkle more)



(A)



(B)

(A) Collagen fibers in the dermis of young skin. (B) Collagen fibers in the dermis of old skin.

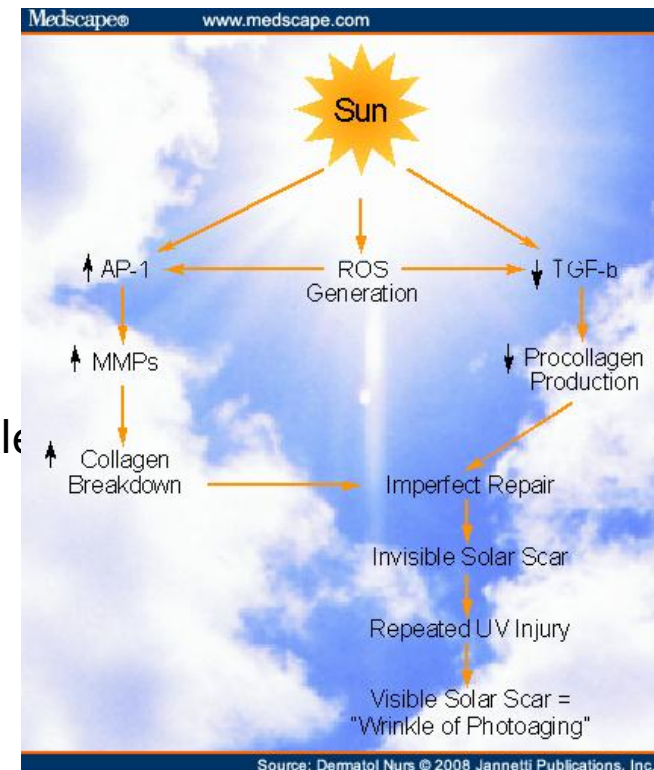
Causes of wrinkle

2- drying

- Decrease in ceramid & fatty acids resulting in increase in the **TEWL**

3- UV (sun)

- Increase free radicals
- damage of skin
- breakdown collagen producing fibroblast.....wrinkle



Causes of wrinkle

4- Smoking

- Increase free radicals
- nicotine causes **vascular constriction** that decrease the skin nourishment by the blood

5-Repeated facial expression



6-After menopause due to decrease of estrogen

Wrinkle treatment plan

1-Sun Protection

2-Moisturizing (restore Barrier Function)

3-Exfoliation

4-Antioxidants

5-Skin Matrix Enhancers

6-Fillers

Wrinkle treatment plan

Exfoliation

On the Surface of the skin

exfoliation → renewing of cells → lifting for fine line

ex. Retinol, retinaldehyde, retinoic acid & AHA (glycolic acid)

AHA



Skin matrix enhancers

Depth

skin matrix enhancer(stimulate collagen formation) → reduce deep wrinkles

ex. Retinoids (vit. A) , AHA & peptides

Retenoids precautions



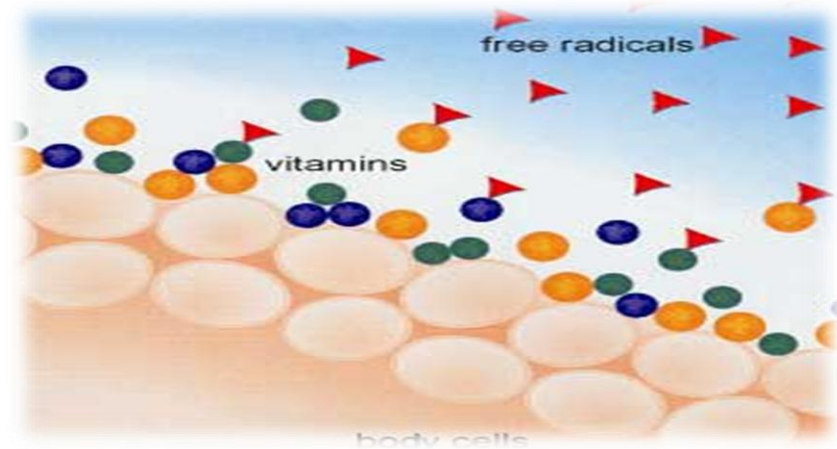
Wrinkle treatment plan

Antioxidant

S

free radicle cause cell & collagen degradation

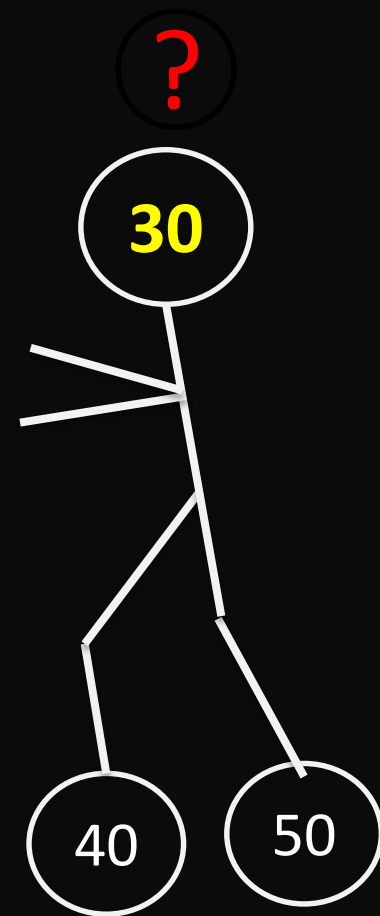
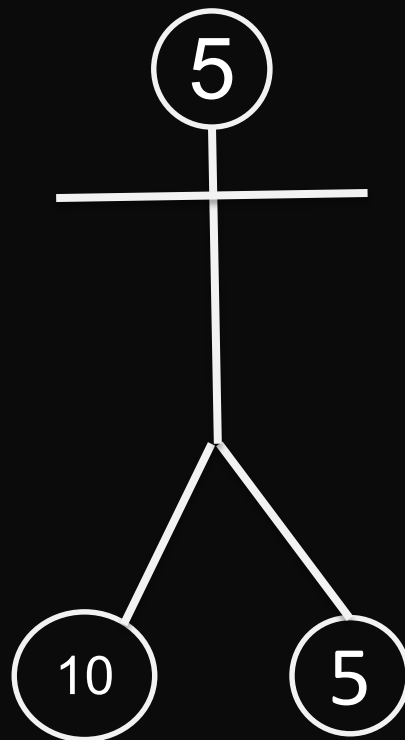
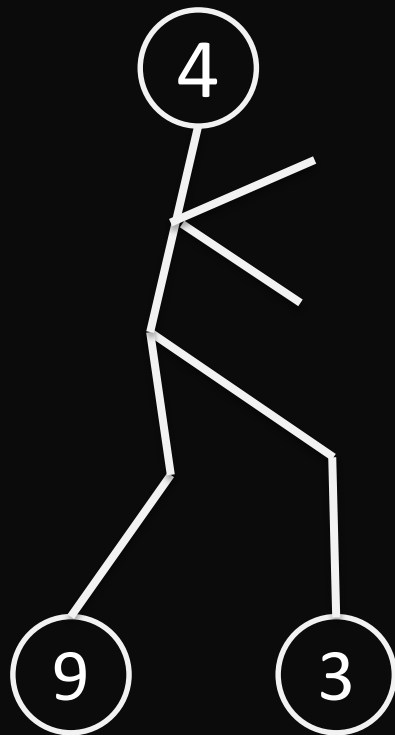
- ✓ Vitamin C (L-ascorbic Acid) in high conc. (10% & above) (stimulate collagen formation)
- ✓ Vitamin B3 (Niacinamide)
- ✓ Vitamin E (α -tocopherol)
- ✓ Retenoids .



fillers

collagen , hyaluronic acid and silicone





MATRIX ENHANCER & FILLER

ISOFILL Crème

CORRECTION CREAM



ISOFILL Sérum

INTENSIVE SERUM



ISOFILL Contour des Yeux

EYE CONTOUR CREAM



MATRIX ENHANCER



peptides



skin care

MATRIX ENHANCER

RHAMNOSE



VIT. C 8%+ VIT. C in microspheres

ANTI OXIDANTS



FILLERS



supplements





7	3	6	2
4	10	7	4
4	4	5	7
5	3	2



Skin

Problems

Dryness

hyperpigmentation

Aging

Cellulite

Stretch Marks

Acne

cellulite

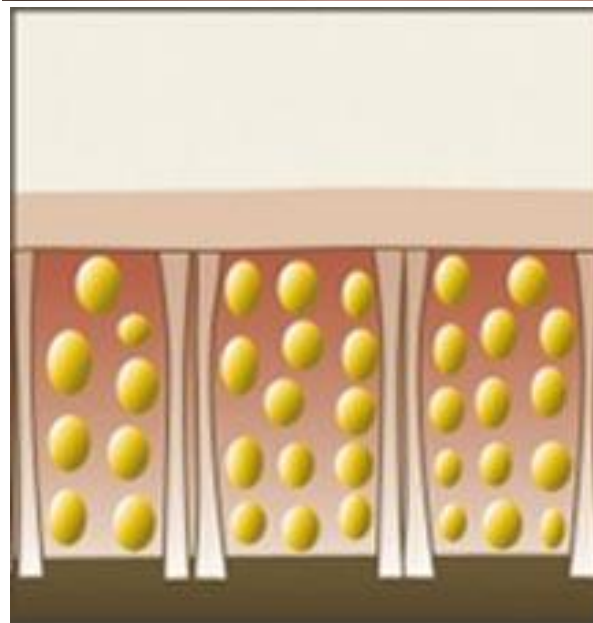
Orange peel

- Uneven Fat distribution under skin
- Dimpled skin
- (in hips & buttocks)
- More common in women than in men

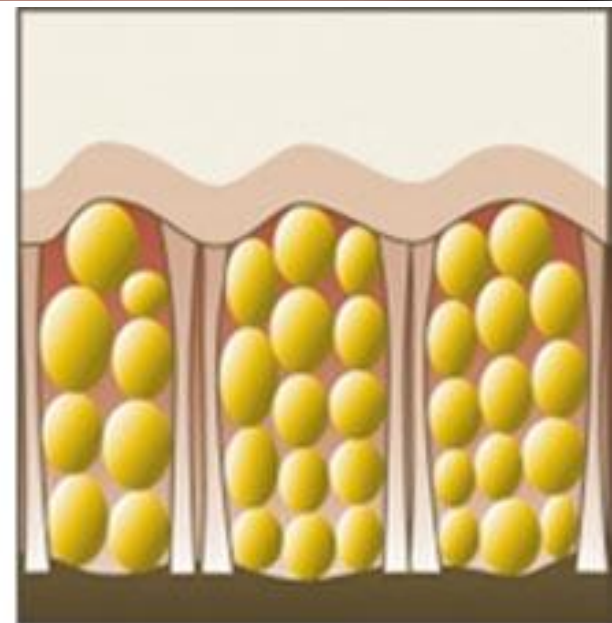
Oh NO!

cellulite!





Normal Fat Layer



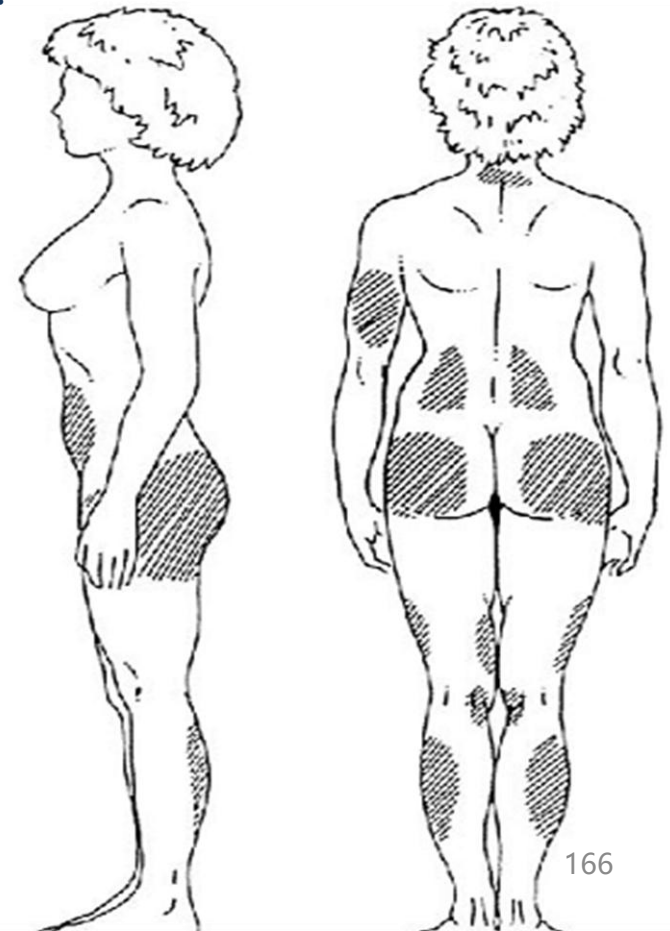
Cellulite

Site of cellulite

- In hips & buttocks
- Appears after puberty and worsens with age.
- occurs in overweight, normal, and thin women.

Factors Causing Cellulite

- Hormones / Distribution of body fats
(more common in women than in men)
- Life style : Diet & exercise
- Age

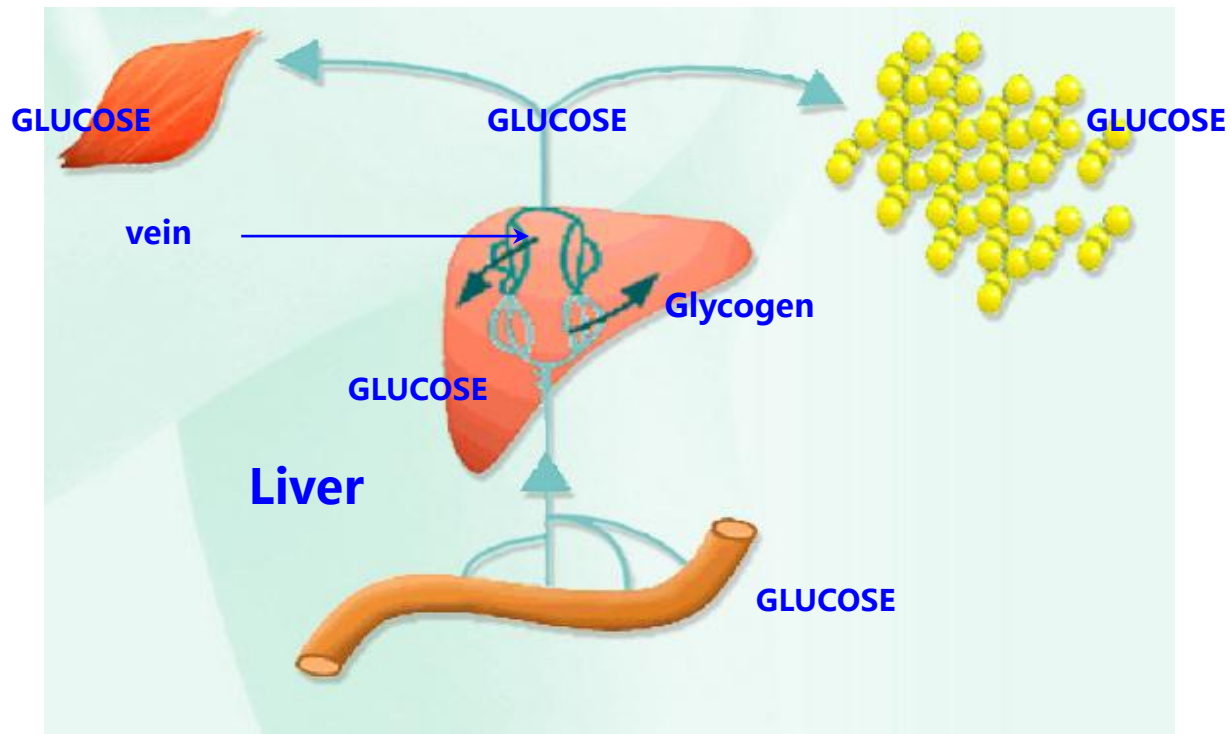


Cellulite formation

- **Glucose** plays a key role in cellulite formation

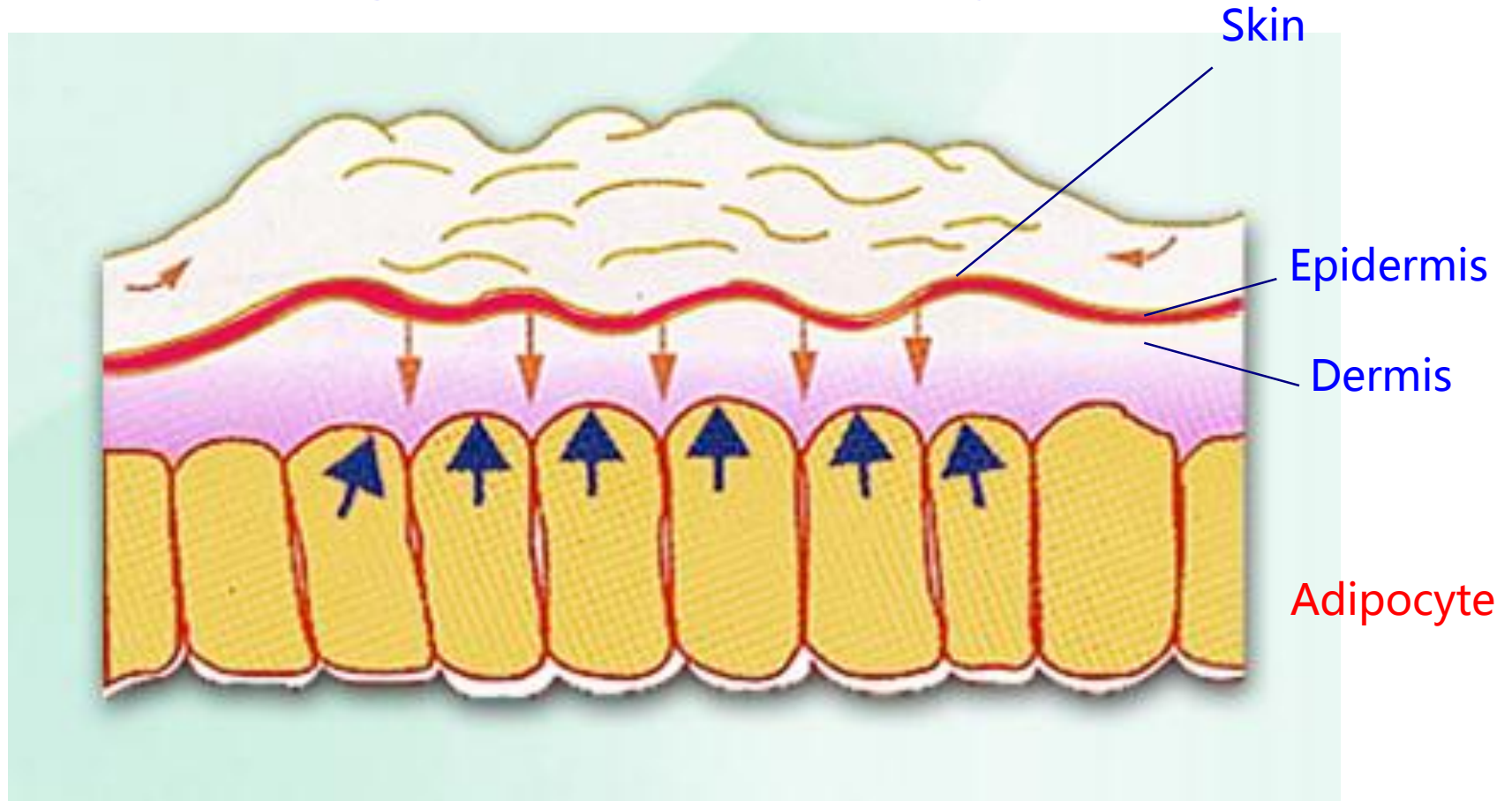
Muscle

Adipocyte



Lipogenesis

Diagram of female adipocyte



Excess glucose → fats (stored in adipocyte) → swelling of adipocyte which push connective tissue beneath skin

Cellulite Management

1. Massage .
- 2- Topical cream that contains methylxanthines like caffeine with known ability to break down fat stores may be help.
3. Supplements : as Ginkgo Biloba , Evening primrose & fish oil increase metabolism, improving circulation, breaking down fats may be help.

**BEURER CM 50
CELLULITE MASSAGER**



It's Good To



- Increase water intake to a minimum of 8 glasses of (2 liters) per day.
- Minimize consumption of coffee, tea.
- For each serving of coffee or tea, drink 2 glasses of water.
- Exercise regularly.
- Minimize consumption of saturated fat and carbohydrates.
- Anti cellulite cream.

- **Cellulitis** : *bacterial infection of skin*

- **Cellulite**



Cellulite creams products



How many
animals
do you see?



☐ **12**

☐ **5**

☒ **8**



Skin

Problems

Dryness

hyperpigmentation

Aging

Cellulite

Stretch Marks

Acne



Stretch Marks

- Elastin is the protein in the skin which gives its elasticity allowing stretch and recoil back.
- Stretch mark affect skin subjected to continuous & progressive stretching.

Prevention better than cure as the damage elastin is difficult to repair

Stretch Marks



Stretch Marks

- Elastin fibers are damaged in stretch marks, causing the 'scar'.
- You feel empty If you touch it but under a microscope it is healthy skin.



Stretch Marks

Stretch mark occurs in

- women more than men
- Abdomen and the breasts of pregnant women
- The shoulders of body builders.
- Overweight individuals.

- Stretch mark once become white
(striae alba)
↓
 - Difficult to treated





Prevention

- Avoid rapid weight loss or gain may help prevent the stretch marks
- Drinking at least eight 8 oz. glasses of water each day. Proper hydration keeps your skin elastic .
- Adequate intake of Vitamins E, C and zinc also provide nutrition for your skin.



PALMER'S
antistretch mark

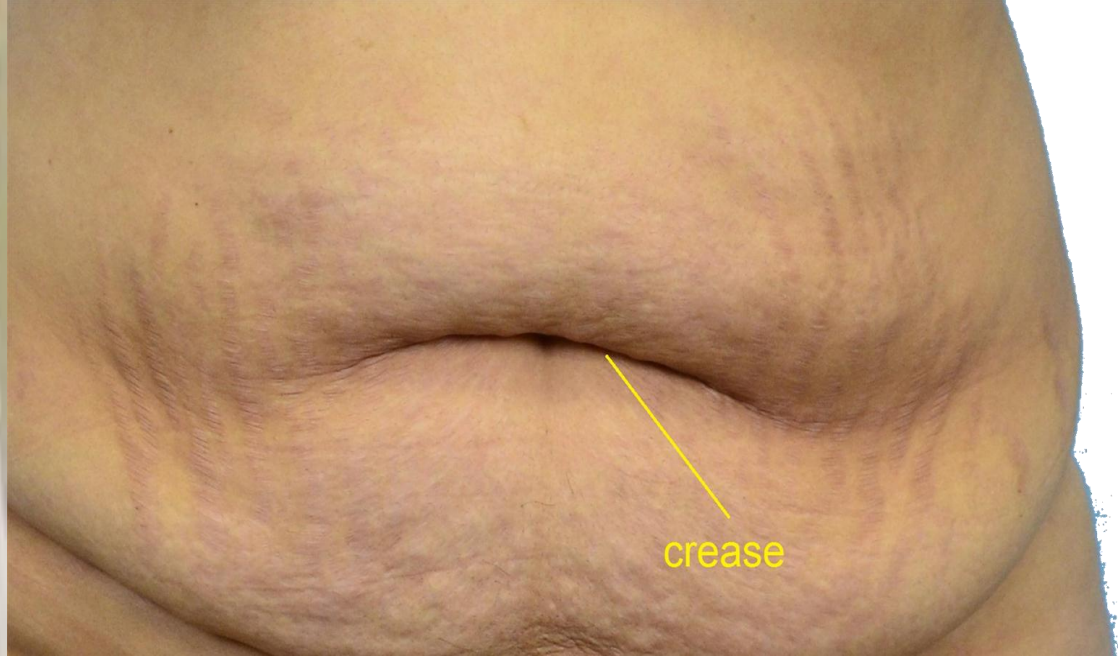


VICHY
antistretch mark



Eucerin
Caring Oil

Skin sagging





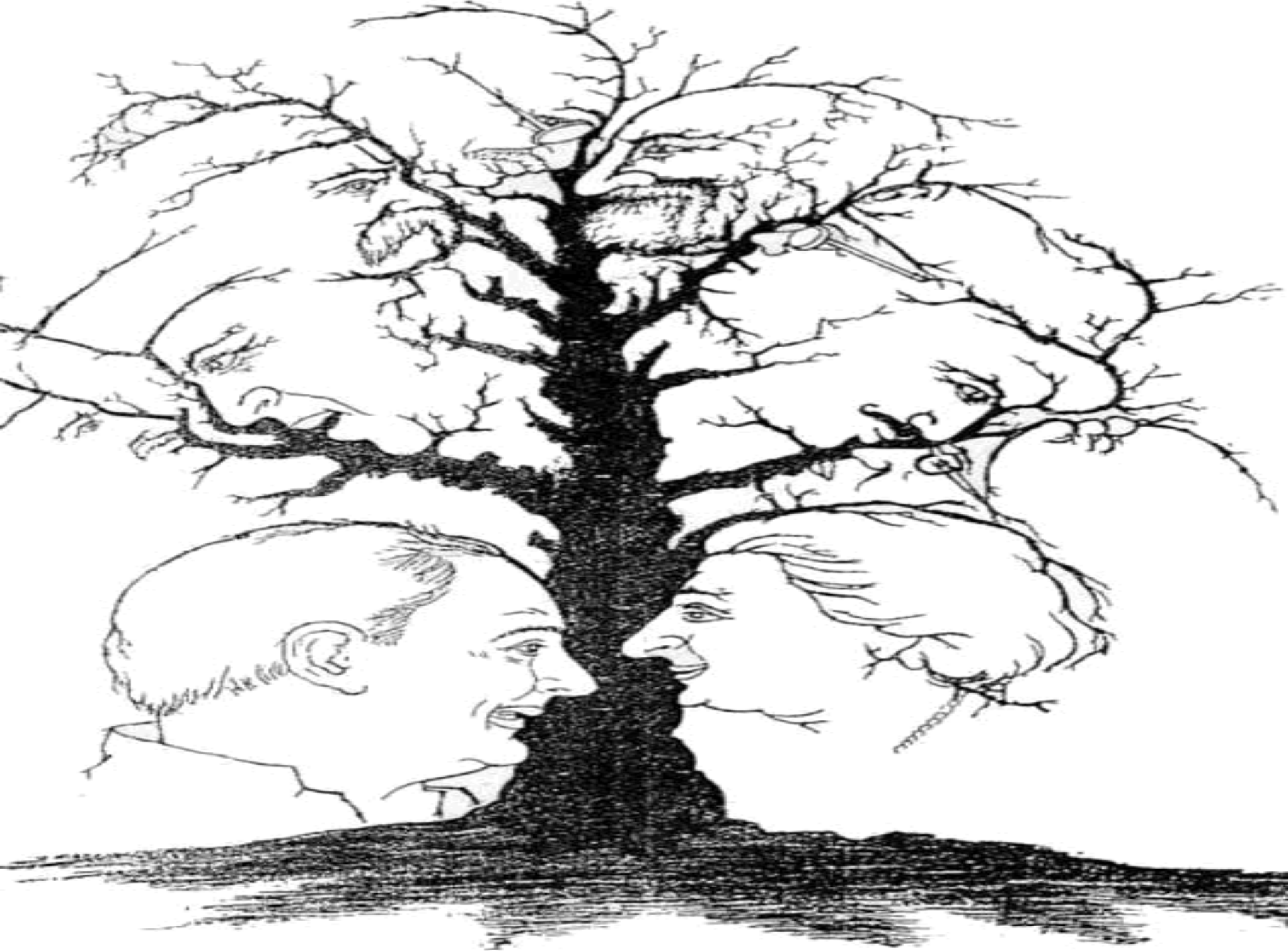
5/5/2016



skin care



183





Skin

Problems

Dryness

hyperpigmentation

Aging

Cellulite

Stretch Marks

Acne

Acne



Acne

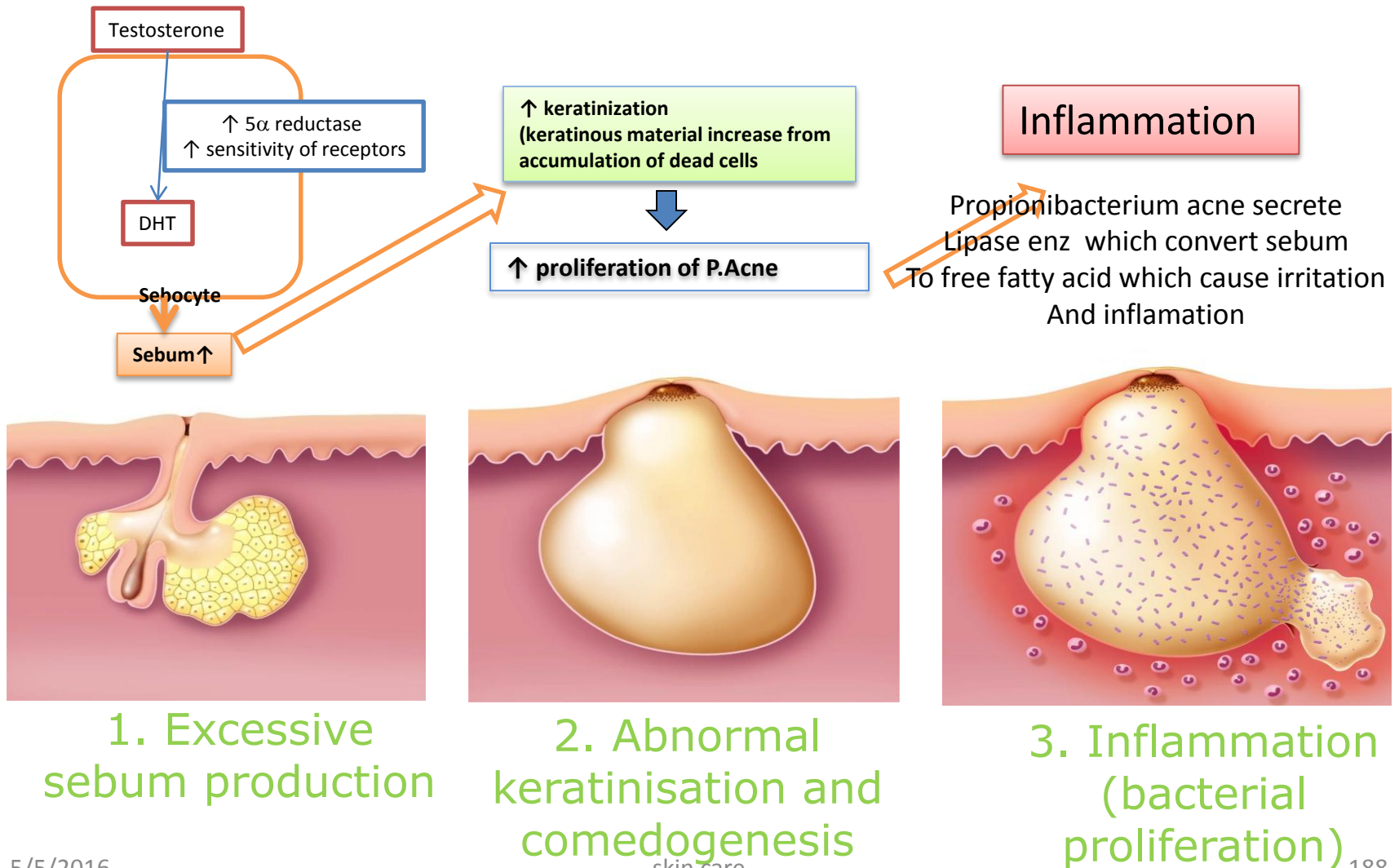
Each hair follicle attached
to one or
More sebaceous gland



Which secrete
sebum

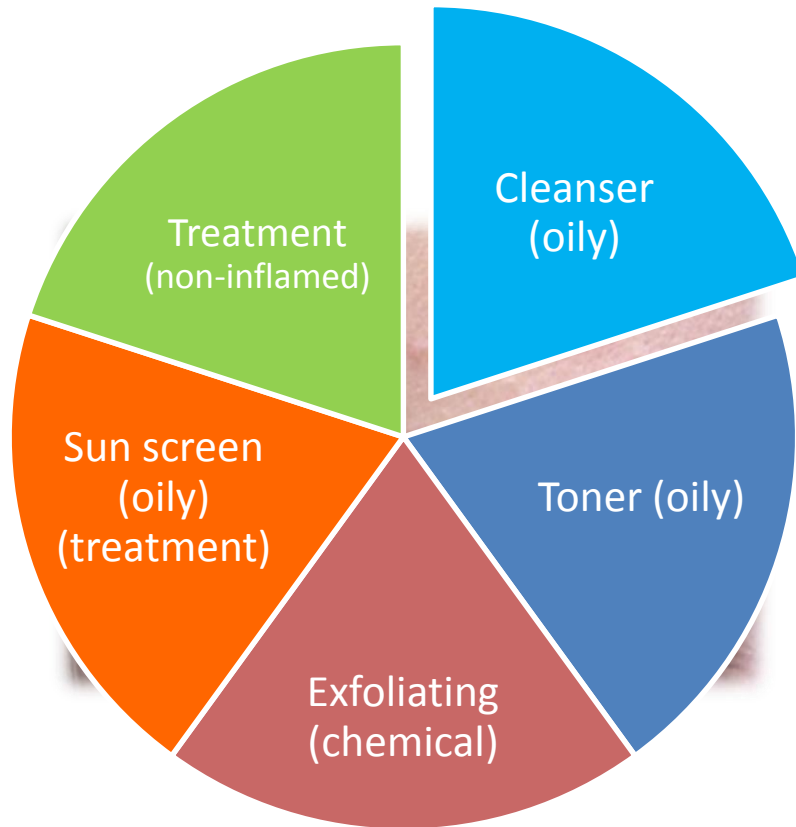


Acne

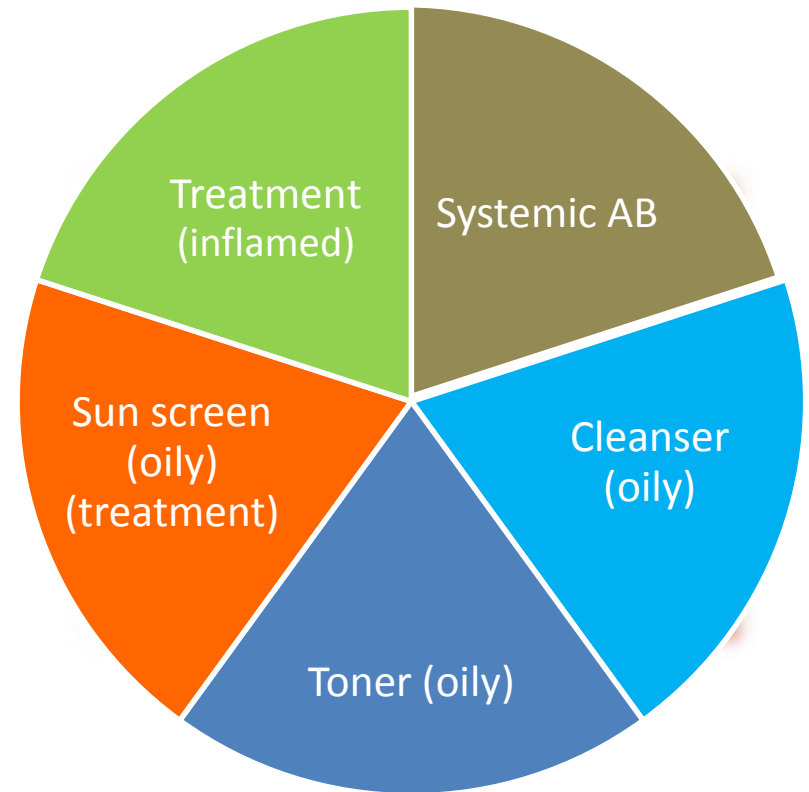




Acne



Non-inflamed acne
TTT regimne



Inflamed acne TTT
regimne

Acne TTT products

Sebium Global

NON-INFLAMED & INFLAMED
ACNE TREATMENT



Sebium Serum

PERSISTENT, RETENTION & NON-
INFLAMED COMEDONE
ACNE TREATMENT



Acne TTT products

HYSÉAC K18
NON-INFLAMED
ACNE TREATMENT



HYSÉAC A.I.
INFLAMED
ACNE TREATMENT



Effaclar DUO+
INFLAMED & NON INFLAMED
ACNE TREATMENT



Normaderm Global
INFLAMED & NON INFLAMED
ACNE TREATMENT








Keracnyl
NON-INFLAMED
ACNE TREATMENT



Any questions?



1		11		21		31	
2		12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
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8		18		28		38	
9		19		29		39	
10		20		30		40	

S	U	N	T	A	N	A	A	T	O	D	E	R	M	P	P	Y	R	S	E
S	S	M	E	W	Q	B	B	I	O	D	E	R	M	A	G	D	T	X	H
K	F	O	X	D	Q	F	D	U	C	R	A	Y	D	G	U	Z	F	S	H
I	G	I	O	C	S	Y	S	C	A	S	T	A	L	I	A	O	H	S	D
N	H	S	M	G	C	L	E	A	N	S	E	R	Y	L	L	F	X	D	P
C	N	T	E	U	E	U	A	E	T	R	E	T	A	I	I	G	O	F	H
U	M	U	G	R	Y	D	U	C	R	A	Y	C	A	W	O	H	I	G	O
R	S	R	A	E	U	C	E	R	I	N	R	T	X	R	P	K	L	H	T
E	E	I	H	N	I	T	P	O	R	O	I	S	Z	V	S	L	Y	J	O
R	B	Z	H	O	I	D	L	K	N	O	P	D	F	T	I	O	A	N	D
H	I	I	K	T	P	S	K	W	N	S	L	G	G	H	F	C	S	K	E
K	U	N	L	N	E	E	R	C	S	N	U	S	J	X	G	O	H	K	R
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